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LANDA[®]

Water Cleaning Equipment, Parts & Accessories

Hot Water Pressure Washers | Cold Water Pressure Washers
Automatic Parts Washers | Biodegradable Detergents
Genuine Landa Parts & Accessories



A U T H O R I Z E D L A N D A D E A L E R



Hanson Industrial-Peoria, Inc.

309-697-3508

LANDA: Your One-Stop Shop for Parts

When it comes to accessories and replacement parts, Landa Dealers want competitive prices, in-stock convenience, prompt delivery, broad selection, quality products, and full factory support.

Landa's goal is to be the best in each of these areas. Here's how we're doing it:

▲ **Competitive Pricing:** *Landa continues to review and compare the pricing of all major parts suppliers to ensure that our Dealers remain competitive in the marketplace.*



▲ **In-Stock Convenience:** *Landa's parent company, C-Tech Industries, has invested heavily in a new computer system and state-of-the-art parts handling facility centrally located in Springdale, AR, ensuring that both the east and west coast—and everyone in between, for that matter—will get fast and efficient delivery. While this catalog features a combination of Landa proprietary parts along with the 4,300-plus most popular parts and accessories in the industry, our shelves are stocked with well over 10,000 parts ready for immediate shipment.*

▲ **Prompt Delivery:** *Landa offers overnight delivery to anywhere in the continental U.S. for orders credit approved as late as 5:00 p.m. Eastern time (2:00 p.m. Pacific time). Our dedicated parts fax line, inventory management program, and state-of-the-art parts handling equipment has reduced to minutes the time between placing an order and shipping.*

▲ **Broad Selection:** *While Landa has more than 10,000 parts in stock, we regularly access for our Dealers as many as 30,000 parts of all makes and brands. Our "brand central" philosophy and competitive pricing allow our Dealers to get everything they need in one order without having to shop around. Landa is also consistently among the first to introduce the latest innovations in parts and accessories.*



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PRESSURE WASHERS

Hot Water Portable

Electric-powered, Diesel / Oil-heated

PHWS: Top-of-the-line, industrial-duty hot water pressure washer built to work day-and-night



For a quarter of a century, the PHWS has been customers' preferred choice for electric-powered, hot-water pressure washers. Engineered with the highest quality components and a flurry of innovations that have revolutionized the market, the PHWS is legend for its ruggedness and reliability.

The PHWS features a super-efficient, horizontal, Schedule 80 heating coil; long-life, low-RPM, belt-drive *LANDA* Pump; aluminized steel inner coil wrap with high temperature tolerance; detergent metering valve; adjustable thermostat; time delay shutdown; and magnetic starter.

• 7-Year Warranty - *LANDA* Pump

• **Pump:** *LANDA* Pump, belt-drive, industrial grade

• **Hose:** 50'; 2-Wire Tuff-Skin, rated for 5800 PSI

Features	Standard	Optional
SS Variable Pressure Wand	●	
ETL Certification to UL-1776	●	
Stainless Steel Coil Wrap	●	
Time-Delay Shutdown	●	
Wet Steam Combination	●	
Mag Wheels	●	
Float Tank with Metering Valve	●	

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
PHWS3-11024D	2.5	1000	1075	2	120 1ph	20
PHWS4-20024A	4.2	2000	935	6.2	230 1ph*	29
PHWS4-30024A	3.9	3000	735	8.2	230 1ph*	38
PHWS5-30024B	4.8	3000	1035	10	230 3ph*	34

*Models available in other electrical configurations.

Available options: Automatic start/stop

Electric-powered, Diesel / Oil-heated

OHW: Affordable alternative pressure washer for heavy-duty usage



The OHW is an affordable option for outdoor, heavy-duty, hot-water pressure washing. Designed with some features as the PHWS, such as the Schedule 80 horizontal heating coil, backed by *LANDA*'s standard 5-year warranty and heat-efficient aluminized steel inner coil wrap.

Like the PHWS, the OHW gets its cleaning punch from an industrial, belt-drive *LANDA* pump, industrial-grade Baldor motor and energy-efficient burner with dial-in air metering. The 3-phase models have a magnetic starter.

• 7-Year Warranty - *LANDA* Pump

• **Pump:** *LANDA* Pump, belt-drive, industrial grade

• **Hose:** 50'; 1-Wire Tuff-Skin, rated for 3000 PSI

Features	Standard	Optional
SS Variable Pressure Wand	●	
ETL Certification to UL-1776	●	
Float Tank with Metering Valve	●	
Stainless Steel Coil Wrap		○
Time-Delay Shutdown		○
Mag Wheels		○

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
OHWS3-11024D	2.5	1000	1075	2	120 1ph	20
OHWS4-20024A	4.2	2000	935	6.2	230 1ph*	29
OHWS4-30024A	3.9	3000	735	8.2	230 1ph*	36

*Models available in other electrical configurations.

Available options: Automatic start/stop or time delay shutdown, mag wheels, stainless steel outer coil wrap.

Electric-powered, Diesel / Oil heated

HOT: Most economical hot water pressure washer for medium-duty usage



The HOT pressure washer offers the most economical choice in a horizontal coil design with many of the features that have made *LANDA* pressure washers the most reliable and popular on the market.

The HOT also has a belt-drive, *LANDA* pump, a Duracoil with aluminized steel inner wrap, plated steel variable pressure wand and tubed pneumatic tires for easy maneuvering in all terrain.

The HOT3-30034D delivers steam up to 310°F.

• 7-Year Warranty - *LANDA* Pump

• **Pump:** *LANDA* Pump, belt-drive, heavy duty grade

• **Hose:** 50'; 1-Wire Tuff-Skin, rated for 3000 PSI

Features	Standard	Optional
Variable Pressure Wand	●	
ETL Certification to UL-1776	●	
Stainless Steel Coil Wrap		○
Time-Delay Shutdown		○
Mag Wheels		○
Float Tank with Metering Valve		○

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
HOT2-11024D	2.0	1000	1100	1.5	120 1ph	18
HOT2-15024D	1.9	1500	1100	2	120 1ph	20
HOT3-11024D	2.8	1000	1375	2	120 1ph	20
HOT4-20024A	3.5	2000	1350	5	230 1ph*	25
Extra-Hot Steamer (310°F):						
HOT3-30034D	2.5	300	1350	1.5	120 1ph	12

*Also available in 208V 1ph

Available options: Automatic start/stop or time delay shutdown, mag wheels, stainless steel outer coil wrap, float tank with inlet metering valve

Gasoline / Diesel-powered, Diesel / Oil heated

SLX: Top-of-the-line, skid-mounted washer for on-site cleaning where **super high water volume** is needed

Powered by industrial duty, Honda gas and water cooled Lombardini diesel engines, the SLX sports the same top of the line features as the SLT and in addition provides an extremely high volume (up to 9.9 gpm) of hot 200° water at up to 2500 PSI.

This mean machine is ideal for multiple gun applications for a fast and furious clean.

- **Pump:** LANDA Pump, belt-drive, industrial grade
- **Engines:** Honda, Lombardini Diesel

Features	Standard	Optional	N/A
Stainless Steel Coil Wrap	●		
Adjustable Thermostat	●		
Wet Steam Combination	●		
SS Variable Pressure Wand	●		
2000W Winco Generator	●		
7.5 Gallon Float Tank	●		
Vibration Isolated Platform	●		

Part No.	GPM	PSI	Pump RPM	HP	Engine
SLX10-20324E	9.9	2000	1560	20	Honda
SLX10-25324E	9.5	2500	1560	24	Honda
SLX10-25824E	9.5	2500	1470	26	Lombardini Diesel

Gasoline / Diesel-powered, Diesel / Oil heated

SLT: Top-of-the-line skid-mounted washer for on-site cleaning where **heavy-duty** is demanded

Powered by industrial duty, Honda and Vanguard gas and water cooled Lombardini diesel engines, the SLT is as beefy as they come.

The SLT delivers 200° hot water in a high powered package that delivers up to 7.8 gpm and 3200 PSI in cleaning punch. Among the SLT's many features are: a 3/4-inch schedule 80 pipe coil heat exchanger, belt drive Landa Pump with 7 year warranty, stainless steel coil wrap, protected by a rugged 2" x 4" x 1/8" thick steel tubing frame.

The engine and pump are vibration isolated from the frame for fatigue resistance and the gas version of the SLT comes with a 10 gallon fuel tank for gas and a 15 gallon diesel tank.

- **Pump:** LANDA Pump, belt-drive, industrial grade
- **Engines:** Honda, Vanguard, Lombardini Diesel

Features	Standard	Optional	N/A
Stainless Steel Coil Wrap	●		
Adjustable Thermostat	●		
Wet Steam Combination	●		
SS Variable Pressure Wand	●		
2000W Winco Generator	●		
7.5 Gallon Float Tank	●		
Vibration Isolated Platform	●		

Part No.	GPM	PSI	Pump RPM	HP	Engine
SLT5-30224E	5.2	3000	1295	16	Vanguard
SLT6-32324E	5.9	3200	1570	20	Honda
SLT8-30324E	7.8	3000	1470	24	Honda
SLT5-30824E	4.4	3000	1295	15	Lombardini Diesel
SLT6-32824E	6.3	3200	1470	26	Lombardini Diesel
SLT8-30824E	7.8	3000	1560	26	Lombardini Diesel

Electric-powered, Diesel / Oil heated

SEHW: Top-of-the-line skid-mounted washer for on-site cleaning where **electricity** is readily available

The most rugged electric-powered hot-water pressure washer in a skid frame. Featuring a 1 1/4-inch square steel frame, industrial-duty 15 HP Baldor motor, long-life, belt-drive LANDA Pump and Schedule 80 Duracoil wrapped in an aluminized steel covering for optimum heating efficiency, the SEHW is quality throughout.

The motor and pump are vibration isolated from the frame for fatigue resistance. The SEHW also comes with time-delay shutdown and extra-large, 10-gallon diesel-fuel oil tank for hours of hot water and uninterrupted cleaning.

- **7-Year Warranty - Landa Pump**
- **Pump:** LANDA Pump, belt-drive, industrial grade
- **Electric Motor:** 15 HP Baldor

Features	Standard	Optional	N/A
Stainless Steel Coil Wrap	●		
Adjustable Thermostat	●		
Wet Steam Combination	●		
SS Variable Pressure Wand	●		
Float Tank with Metering Valve	●		
Vibration Isolated Platform	●		

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
SEHW6-35024B	5.2	3500	1340	15	230 3ph*	44

* Also available in 208V or 360V 3ph

Available options: Stainless steel skid cage and platform, wheel kit (4 pneumatic tires), automatic start/stop (replaces time-delay shutdown)

Gasoline-powered, Diesel / Oil heated

PGHW: Classic model featuring heavy-duty ruggedness within a compact frame design



As **LANDA's** most popular gasoline-powered, industrial hot water pressure washer, the PGHW combines a smaller size with the ruggedness you've come to expect from Landa.

It is loaded with many of the same features of the larger-size skid models such as 1 1/4-inch square steel frame, long-life, belt-drive **LANDA** Pump 7-year warranty and Schedule 80 Duracoil backed by a 5-year warranty and wrapped in an aluminized steel covering for optimum heating efficiency.

The PGHW has four models powered by electric-start Honda or Vanguard engines, with cleaning power of up to 4000 PSI.

- **Pump:** **LANDA** Pump, belt-drive, industrial grade
- **Engine:** 13 - 20 HP Honda or Vanguard

Features	Standard	Optional	N/A
SS Variable Pressure Wand	●		
Vibration Isolated Engine	●		
Stainless Steel Coil Wrap	●		
Adjustable Thermostat	●		
Wet Steam Combination	●		
2000W Winco Generator	●		
Float Tank with Metering Valve	●		

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
PGHW4-30324E	3.5	3000	1125	13	Honda	Electric
PGHW5-30224E	4.8	3000	1375	16	Vanguard	Electric
PGHW5-35324E	4.7	3500	1360	20	Honda	Electric
PGHW4-40324E	4.0	4000	1425	20	Honda	Electric

Available options: Stainless steel skid cage and platform, wheel kit (4 pneumatic tires)

Gasoline-powered, Diesel / Oil heated

PGDC: Affordable alternative design with belt-drive Landa pump and 12V DC burner



The **PGDC** provides an economical alternative to the skid family without sacrificing ruggedness. Powered by electric-start Honda or Vanguard engines the PGDC is also protected by a 1 1/4-inch square steel frame, and has a 7-year warranty, belt-drive **LANDA** Pump and Schedule 80 Duracoil backed by a 5-year warranty with an aluminized steel covering. The water is heated by a high-efficiency 12V burner assembly (*battery not included.*)

- **Pump:** **LANDA** Pump, belt-drive, industrial
- **Engine:** 13 - 20 HP Honda or Vanguard

Features	Standard	Optional	N/A
SS Variable Pressure Wand	●		
Vibration Isolated Engine	●		
Adjustable Thermostat			○
Stainless Steel Coil Wrap		○	
Float Tank with Metering Valve		○	

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
PGDC4-35324E	3.8	3500	1185	13	Honda	Electric
PGDC5-35224E	4.7	3500	1185	16	Vanguard	Electric
PGDC5-35324E	4.7	3500	1185	20	Honda	Electric

Available options: Stainless steel skid cage and platform, wheel kit (4 pneumatic tires), stainless steel coil wrap, float tank and inlet detergent metering valve

Gasoline-powered, Diesel / Oil heated

MHP: Economy mini-skid with extra narrow frame, belt-drive pump and 12V DC burner



The **MHP** is an economy mini-skid, hot-water pressure washer with an extra narrow frame for maneuvering through doorways. Less than 25-inches in width, the MHP models is also powered by electric-start Honda or Vanguard engines. The narrow-frame chassis is made of rugged 1 1/4-inch steel and the Schedule 80 heating coil is backed by a 5-year warranty and protected by an aluminized steel inner wrap. The MHP also utilizes a 12V burner assembly for heating water (*battery not included.*)

- **Pump:** **LANDA** Pump, belt-drive, Industrial
- **Engine:** 11 - 20 HP Honda or Vanguard

Features	Standard	Optional	N/A
Variable Pressure Wand	●		
Vibration Isolated Engine			○
Adjustable Thermostat			○
Stainless Steel Coil Wrap		○	
Float Tank with Metering Valve		○	

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
MHP4-30324E	3.5	3000	1160	11	Honda	Electric
MHP4-35324E	3.8	3500	1185	13	Honda	Electric
MHP4-35224E	3.8	3500	1185	16	Vanguard	Electric
MHP5-35324E	4.2	3500	1185	20	Honda	Electric

Available options: Wheel kit (4 pneumatic tires), stainless steel coil wrap, float tank w/ inlet detergent metering valve

Gasoline-powered, Diesel / Oil heated

COMMANDO: Entry-level, compact, hot water pressure washer for on-site cleaning

The **COMMANDO** is an ideal compact, hot-water pressure washer for on-site cleaning with its unique design and portability. Protected by a welded, one-piece, 1 1/4" square steel cage, the Commando has a Schedule 80 heating coil with 5-year warranty, a 10-gauge steel chassis with epoxy powder coat finish, and easy-to-reach control panel with tachometer and hour meter for maintenance monitoring. The entire unit rides on four 13" tubed pneumatic tires ideally spaced for balancing and stability.

- **Pump:** Landa Pump, direct-drive, heavy duty
- **Gasoline Engine:** 9 - 13 HP Honda

Features	Standard	Optional	N/A
Variable Pressure Wand	●		
Vibration Isolated Engine	●		
Adjustable Thermostat	●		
Stainless Steel Coil Wrap		○	
Mag Wheels			○
Float Tank with Metering Valve			○

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
MVC3-30324	3.0	3000	3400	9	Honda	Recoil
MVC4-30324	3.5	3000	3400	11	Honda	Recoil
MVC4-30324E	3.5	3000	3400	11	Honda	Electric
MVC4-35324E	3.5	3500	3400	13	Honda	Electric
MVC4-30324E/S*	3.5	3000	3400	13	Honda	Electric

Available option: Stainless steel coil wrap
 *Designed for high altitude applications

Electric-powered, Diesel / Oil heated

SUV: Super-compact, entry-level hot water washer, 12VDC

**NO
BATTERY
NEEDED**

There's never been an entry-level, gasoline-powered, hot water pressure washer so compact and yet so reliable as Landa's new SUV.

The SUV is made possible by the technologically advanced Robin-Subaru engine being matched with a Landa proprietary Super-Duty Regulator (SDR) to create an extremely versatile medium-duty, hot water pressure washer that operates completely without a battery or magneto system.

The Subaru engine, with its revolutionary new internal 200W alternator, linked to Landa's extra-large SDR unit, is capable of supplying enough power for all of the SUV's electrical functions, including its high-efficiency burner assembly. This eliminates the need for a battery and for belts and pulleys used in maintenance-intensive magneto systems.

The SUV stands only 39" high with a ship weight of only 380 lbs. (6 HP model) and 385 lbs. (7 HP model)

- **High-Pressure Pump:**
6HP: Direct-Drive, Axial, Comet
7HP: Direct-Drive, Oil-Bath, General
- **Gasoline Engines:** 6-7 HP Subaru

Features	Standard	Optional	N/A
Variable Pressure Wand	●		
Adjustable Thermostat	●		
Stainless Steel Coil Wrap		○	
Mag Wheels			○
Float Tank with Metering Valve			○
Vibration Isolated Engine			○

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
SUV3-20124	2.5	2000	3400	6	Subaru	Recoil
SUV3-24124	2.7	2400	3400	7	Subaru	Recoil

PRESSURE WASHERS

Hot Water Stationary

Electric-powered, Natural gas / LP heated

VNG: Industry's most rugged natural gas line with remote station capability



The **VNG** is the patriarch of the natural gas-heated pressure washers. Created in 1987, the VNG features a super-efficient vertical coil, burner assembly and remote station option—serving as the standard for natural gas pressure washers in the industry. The VNG also comes with an energy-efficient, burner with fused transformer and 24V electronic ignition for pilot-free operation. Its belt-drive, **LANDA** Pump has cast-iron pulleys and dual-groove belts for a cooler operation.

Features	Standard	Optional	N/A
Modulating Thermostat*	●		
Float Tank with Metering Valve	●		
Time Delay Shutdown	●		
Adjustable Thermostat	●		
Wet Steam Combination	●		
Electronic Ignition	●		
Remote Operating Station		○	
LP Gas Conversion		○	

*6 & 8 gpm units only

Part No.	GPM	PSI	Pump RPM	HP	BTU	Voltage	Amps
VNG4-20024A	4.0	2200	930	6.2	400,000	230 1ph*	27
VNG4-30024A	3.9	3000	775	8.2	400,000	230 1ph*	36
VNG6-30024B**	6	3000	1525	15	600,000	230 3ph*	39
VNG8-30024B**	8	3000	1370	20	750,000	230 3ph*	52
VNG10-20024B	10	2000	1630	20	935,000	230 3ph*	46

*Models available in other electrical configurations.

**6 & 8 gpm units use a modulating thermostat for optimum heat efficiency and performance especially suited for multiple gun applications.

Electric-powered, Natural gas / LP heated

VHG: Economical, extra-compact natural gas- or LP-heated pressure washer



Shown with optional hose reel and stainless steel coil wrap and cabinet cover

For a compact, economical natural gas model customers turn to the VHG, which has a footprint of only 24" wide and 53" long. The VHG 6-3 & 8-3 are 35" wide and 66" long. It, too, features a Schedule 80 Duracoil, fused burner transformer, a belt-drive, **LANDA** Pump, anti-siphon detergent metering.

Features	Standard	Optional	N/A
Float Tank with Metering Valve	●		
Time Delay Shutdown		○	
Adjustable Thermostat		○	
Wet Steam Combination		○	
Electronic Ignition		○	
Remote Operating Station		○	
LP Gas Conversion		○	
Modulating Thermostat*	●		

*VHG 6-3 and VHG 8-3 only

Part No.	GPM	PSI	Pump RPM	HP	BTU	Voltage	Amps
VHG3-11024D	2.5	1000	1075	2	245,000	120 1ph	20
VHG4-20024A	3.5	2000	1175	5	350,000	230 1ph	25
VHG4-22024A	4.0	2200	835	6.2	400,000	230 1ph*	27
VHG4-30024A	4.0	3000	850	8.2	400,000	230 1ph*	36
VHG5-30024B	4.8	3000	1035	10	480,000	230 3ph*	29
VHG6-30024B**	6.0	3000	1525	15	600,000	230 3ph	39
VHG8-30024B**	8.0	3000	1370	20	750,000	230 3ph	52

*Models available in other electrical configurations.

**VHG 6-3 and VHG 8-3 are 35" wide and 66" long.

Electric-powered, Electric-heated

EHW: All-electric model is perfect for indoor cleaning — no noise, no fumes



The **EHW** is ideal for in-plant cleaning needs. Just plug it in and get hot water...no noise, no fumes. It can be located under a stairway or inside a closet. Its unique design features a heating coil immersed in a tank of hot water so the heating elements never touch the pressurized water, reducing scale build up and maintenance.

A layer of oil sits atop the enclosed tank of water for additional heat retention and prevention of evaporation.

Hot water spray is generated on demand by simply pulling the spring-loaded trigger.

- **Pump:** LANDA Pump, belt-drive, industrial grade
- **Electric Motor:** 6.2 - 7.5 HP Baldor

Features	Standard	Optional
Automatic Start / Stop	●	
Stainless Steel Coil	●	
Low-Water Flow Switch	●	
SS Variable Pressure Wand	●	
Tri-Lingual Warning Labels	●	
24" Hose Safety Guard	●	
Submerged Heating Elements	●	

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
EHW4-20024C	4.2	2000	935	6.2	460 3ph	67
EHW4-30024C	3.5	3000	800	7.5	460 3ph	72

Hot Water Generators

Electric-powered, Diesel / Oil-heated

HS: Attaches to a cold water pressure washer to convert it to a hot water washer



The **HS** is a portable unit that attaches to a cold water pressure washer and converts it into a hot water cleaning machine. The cold water pressure washer sends the high-pressure spray into the HS generator which heats the water before dispatching it to the wand.

This model has some of the same features of other LANDA hot water models, including tubed, pneumatic tires, 36' electrical cord and Schedule 80 heating coil that is backed by a 5-year warranty and protected by an aluminized steel inner wrap.

- **Pump:** None
- **Electric Motor:** .2 HP Baldor

Features	Standard	Optional
Tubed Pneumatic Tires	●	
Stainless Steel Outer Wrap		○
High-Efficiency Burner	●	
10-Gauge Steel Chassis	●	
Tri-Lingual Warning Labels	●	

Part No.	GPM	PSI	HP	Voltage	Amps
HS-3000	up to 6	3000	420,000	120 1ph	5

Natural gas powered, Natural gas / LP heated

NG: Attaches to a cold water pressure washer and heats the water using natural gas or propane



The **NG** is a stationary unit that attaches to a cold water pressure washer and converts it into a hot water unit. Because it is heated by natural gas or liquid propane the NG is ideal for indoor cleaning with hot water.

There are two models to accommodate the different flow rates of cold water washers. Both have many high-quality features including Schedule 80 vertical heating coil with aluminized steel inner wrap, high-efficiency burners with fused transformer and millivolt ignition and standing pilot and powder coat finish for added protection.

The NG 3000LM utilizes a modulating thermostat to provide efficient stable hot water at high volumes even under multiple gun applications.

- **Modulating Thermostat** (LM unit only)
- **Pump:** None
- **Electricity:** None

Features	Standard	Optional
Safety Rupture Disk	●	
LP Conversion		○
High-Efficiency Burner	●	
10-Gauge Steel Platform	●	
Tri-Lingual Warning Labels	●	

Part No.	Fuel	PSI	BTU
NG-3000	Natural Gas	3000	420,000
NG-3000LM	Natural Gas	3000	750,000

Gasoline / Electric-powered, Belt drive

MP / MPE: Extra-high pressure models with cleaning power of up to 5000 PSI



No gasoline-powered cold-water pressure washer delivers more blasting power than the MP. Powered by a 13 and 24 HP Honda engine, coupled to a tri-plunger, belt-drive Landa Pump, the MP delivers an unsurpassed cleaning power of up to 5000 PSI. The MP is commonly used to remove salt-water barnacles or blast heavy dirt loads from field equipment. It's heavy-duty roll cage design, with lifting bar, makes it ready for the toughest applications.

- **Pump:** Landa Pump, belt-drive, industrial duty
- **Engine / Motor:** Honda / Baldor

Features	Standard	Optional
Steel Roll Cage w/ Lifting Beam	●	
Powder Coat Finish	●	
13" Tubed Pneumatic Tires	●	
50' Hose 5800 PSI Rated	●	

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start	Axle
MP-373534	3.7	3500	1185	13	Honda	Recoil	Single
MP-455034	4.5	5000	1845	24	Honda	Electric	Tandem

The MPE is the electric-powered version of the MP with all of the same high-quality features including heavy-duty steel roll cage with lifting beam and insulated high-pressure wand with trigger gun.

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
MPE5-50024B	5.0	5000	1900	20	230 3ph	48
MPE5-50024C	5.0	5000	1900	20	460 3ph	26

Available option: Hose Reel Kit

Gasoline / Electric-powered, Belt drive

PG/ PE: Super-duty, portable, belt-drive models for constant cleaning



The PG is the **workhorse** of LANDA's cold water pressure washer line with its belt-drive, industrial LANDA Pump and Honda or Vanguard gasoline-powered engines with E-Z start valve. As with all of LANDA's belt-drive models, the PG uses notched V-belts and cast iron pulleys, which produce a cooler operation for longer belt life. Unique twin-rail design allows for easy adjusting of belt tension. Features also include 10-gauge steel chassis with fully welded seams; powder coat finish; 1 1/4" chrome-plated handle and bumper for ease in lifting.

- **Pump:** LANDA Pump, belt-drive, industrial
- **Engine / Motor:** Honda or Vanguard / Baldor

Features	Standard	Optional
E-Z Start Valve	●	
SS Variable Pressure Wand	●	
13" Tubed Pneumatic Tires	●	
Spring-Loaded Feet	●	
Thermal Pump Protection	●	
Stainless Steel Frame		○

Part No.	GPM	PSI	Pump RPM	HP	Engine	Start
PG4-20324	4.2	2000	1300	9	Honda	Recoil
PG4-35324	3.7	3500	1185	13	Honda	Recoil
PG5-35224E	4.7	3500	1185	16	Vanguard	Electric
PG5-35324E	4.7	3500	1185	20	Honda	Electric
PG4-40324E	4.0	4000	1090	20	Honda	Electric

Available option: Stainless steel frame



The PE is the **beefiest electric cold water** pressure washer on wheels. Packed with all of the ruggedness found on the PG, there are four PE models. All have a 36' electrical cord with GFCI on single phase models.

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
PE3-11024D	2.8	1000	1540	2	120 1ph	20
PE4-20024A	4.2	2000	900	6.2	230 1ph*	27
PE4-30024A	3.5	3000	800	7.5	230 1ph*	36
PE5-30024B	4.8	3000	1060	10	230 3ph*	26.8

* Models available in other electrical configurations.

Available option: Stainless steel frame

Electric-powered, Belt drive

SEA: Super-duty, stationary, belt-drive pressure washers for unlimited usage

The SEA is one of a kind. No other stationary pressure washer offers so much quality with its belt-drive, industrial grade *LANDA* Pump, notched V-belts, cast iron pulleys and twin-rail design for easy adjusting of belt tension. The cabinet and base plate are made of stainless steel.

It can handle water of up to 175°F. Rubber feet absorb vibration and time delay shutdown automatically turns off the machine when not in use.

- **Pump:** *LANDA* Pump, belt-drive, industrial grade
- **Motor:** Baldor

Features	Standard	Optional
Stainless Steel Cabinet	●	
SS Variable Pressure Wand	●	
50' Tuff-skin Hose, 5800 PSI	●	
Magnetic Starter	●	
Vibration Isolators	●	

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
SEA3-11024D	2.8	1000	1540	2	120 1ph	20
SEA4-20024A	4.2	2000	935	6.2	230 1ph*	28
SEA4-20024B	4.2	2000	935	6.2	230 3ph*	16
SEA4-20024C	4.2	2000	935	6.2	460 3ph*	7.2
SEA4-30024B	3.5	3000	800	7.5	230 3ph*	21.5
SEA4-30024C	3.5	3000	800	7.5	460 3ph*	10.5

*Models available in other electrical configurations.

Available options: Wall mount bracket assembly, hose reels, auto start/stop, remote switch, wheel kit, float tank, stand w/caster wheels



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Solutions for all your Water Cleaning needs!

North America's Largest Manufacturer of Industrial Pressure Washers and Water Cleaning Systems

Since 1969, Landa Water Cleaning Systems has been providing cleaning solutions to hundreds of thousands of customers worldwide with a broad line of time-saving pressure washers, parts washers, wash-water recycling systems, industrial wastewater treatment equipment and a full complement of parts, accessories and detergents.

Jump To...

Pressure Washers

Parts Washers

Wastewater Treatment Systems

Parts & Accessories

Detergents

What's New...

Extra-large models added to natural gas line
VHG Large Natural Gas...

Landa Pump added to popular hot water
PHWS w/Landa Pump...

Innovative hot-water pressure washer
SWP w/Landa Pump...

[more...](#)

PRODUCT OF THE YEAR

Five Landa products have been named Plant Engineering "Product of the Year" Finalists!

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Everything but the kitchen sink...

There's so much to see and learn about high-pressure cleaning when you visit the web site of North America's largest manufacturer of industrial pressure washers and water cleaning systems:

www.landa.com

PRESSURE WASHERS

Cold Water • Direct-Drive

Gasoline / Electric-powered, Direct drive

PC / PDE: Heavy-duty, direct-drive alternative for serious cleaning



PC

When size and weight are factors, the compact, direct-drive pressure washers are the preferred choice. The gas-powered PC and electric-driven PDE deliver a powerful cleaning punch with their heavy-duty pumps. Rubber feet absorb vibration and the E-Z start valve relieves pressure so pull starting the engine is a breeze!

- **Pump:** Direct-drive
- **Engine / Motor:** Honda / Baldor

Features	Standard	Optional
E-Z Start Valve (Gas Only)	●	
10" Tubed Pneumatic Tires	●	
Thermal Pump Protection	●	
SS Variable Pressure Wand		○

Part No.	GPM	PSI	Pump	HP	Engine	Start
PC3-23326	2.3	2300	Comet	5	Honda	Recoil
PC3-24324	2.3	2400	Landa	5.5	Honda	Recoil
PC3-27324	2.5	2700	Landa	6.5	Honda	Recoil
PC3-30324	3.0	3000	Landa	9	Honda	Recoil
PC4-35324	3.8	3500	Landa	13	Honda	Recoil

Available option: Hose Reel Kits



PDE

The PDE is the electric equivalent of the PC with its heavy-duty, direct-coupled General Pump. All come single phase units with 36' electrical cord and GFCI for operator safety.

Part No.	GPM	PSI	Pump RPM	HP	Engine	Amps
PDE2-11021D	2.0	1000	3450	1.5	120 1ph	15
PDE2-15021D	1.8	1500	3450	2	120 1ph	20
PDE4-20021A	3.5	2000	3450	5	230 1ph	20
PDE4-30025A**	3.5	3000	1725	7.5	230 1ph*	30

*Also available in 230V or 460V 3 ph

**uses AR pump

Gasoline / Electric-powered, Direct drive

ZG / ZE: Most rugged hand held pressure washers on the market today



The ZG & ZE are proof that hand-held pressure washers can be tough, too. This electric- or gas-powered, cold water pressure washer has a quality motor direct-coupled to a heavy-duty, tri-plunger, high pressure pump. The entire electric unit weighs only 61lbs and comes with 36' of electric cord with GFCI. The straight-through wand is connected with 25' of Tuff-Skin hose.

Features	Standard	Optional
Thermal Pump Protection	●	
Ground Fault Circuit Interrupter	●	
Stainless Steel Wand	●	
25 ft. Wire Braid Hose	●	

Part No.	GPM	PSI	Pump RPM	HP	Voltage	Amps
ZE2-11026D	2.0	1000	3450	1.5	120 1ph	15
ZG3-232336	2.3	2300	3400	5	(gas engine)	N/A

TR-6000: Top-of-the-line dual axle model has it all



shown with options

COMMON FEATURES OF BOTH TRAILER PACKAGES

- 1,000 lb. swivel jack with a 2⁵/₁₆" ball coupler for quick and easy hook up of the trailer
- Two 3-way ball valves for easy switching of the water flow from the holding tank to a faucet
- Two 5/₁₆" chains for safety
- 12" access port, 1¹/₂" drain valve, 3/₄" float valve and a 50-mesh inlet filter for water tanks
- All electrical wiring is recessed within the tubular frame
- Lighted license plate holder and recessed tail lights

The dual-axle TR-6000 is the premier trailer package with its extra capacity to carry the largest of skid pressure washers along with a 330-gallon, high-density, polyethylene water tank that comes standard with the trailer.

The TR-6000 chassis is made of extra-rugged 2-by-3 inch structural tubing, capable of transporting loads of up to 6,000 lbs.

The wheel and axle assembly feature leaf-spring suspension of up to 3,500 lbs per axle and 14-inch, white spoke wheels. (Optional chrome wheels and fenders are available.)

A powder-coated epoxy black finish gives the entire package added weather protection as well as a first-class look.

The entire trailer package is completed by selecting the trailer size, then adding a *LANDA* pressure washer (see pages 3-4). Finally, add the options listed below.

Features	TR-6000	TR-3500
Weight Capacity (lbs)	6000	3300
Water Tank Capacity (gal)	330	200
Double Axle	●	
Fuel & Tool Box Option	●	
Full Skid Pressure Washer	●	
Two 3-Way Ball Valves	●	●
Steel Cage	●	●
Recessed Electrical Wiring	●	●
Powder Coat Finish	●	●
1000 lb Swivel Jack	●	●

Part No.	Axle	Max Gross Vehicle Wt	Water Tank
TR-6000	Tandem	6000 lbs	330 gal.

Available options: Lunette eye coupler, brakes, hose reel kit, mounting kit, fuel tank and tool box, vinyl skid covers, chemical rack, chrome wheel and fender, work lamp, signage plate

TR-3500: Extra-large single axle trailer



shown with options

The TR-3500 is a rugged single-axle trailer, capable of carrying four series of *LANDA*'s portable, self-contained, hot-water pressure washers. The TR-3500 is made of the same, durable 2-by-3 inch structural tubing, capable of sustaining a total weight of 3,300 lbs and is further protected by a black, powder-coated epoxy giving the entire package added weather protection.

Part No.	Axle	Max Gross Vehicle Wt	Water Tank
TR-3500	Single	3300 lbs	200 gal.

Available options: Lunette eye coupler, brakes, hose reel kit, mounting kit, fuel tank and tool box, vinyl skid covers, chemical rack, chrome wheel fender, work lamp, signage plate

Patented Spin Wash Technology

POWERED BY: ELECTRICITY • HEATED BY: ELECTRICITY

SJ-15/10: Top-Load with Water-Propelled Spray Bar



The SJ-15 and SJ-10 are industrial-grade, top-load models, with the larger SJ-15 capable of handling parts as large as an automobile transmission.

Made of durable 12 gauge steel coated with a heat- and moisture-resistant liquid paint with an automotive finish, the SJ top-load parts washers have up to 23 precision spray nozzles, a seal-less vertical pump, an extra large 69-90 gallon water tank, and a high-efficiency calrod heating element protected by an incoloy sheath for long life.



Other features include:

- Sealed safety stop switch;
- Low-water shutdown protection;
- Adjustable thermostat, 50 - 175°F;
- Easy-cleaning stainless steel strainer to remove floating debris;
- 1-hour wash timer for protection against neglect and 7-day programmable timer for energy efficiency;
- Optional caster wheels for easy moving around the shop; and
- 11/2-inch drain port for disposing of wastewater and sludge.

Options: Autofill, Stainless Steel, Detail Brush, Timers, and many, many more.

Part Number	GPM	PSI	Basket Dimensions	Working Height	Load Capacity	Volt/Phase/Amps	Ship Weight
SJ-15A	37	30	32" x 21"	18"	350 lbs	230/1/38*	773 lbs
SJ-10A	36	34	26" x 15"	15"	250 lbs	230/1/32*	645 lbs

*Models available in other electrical configurations.

Conventional Top-Load Model and Parts Washer Sink

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SJ-5: Automated Parts Washer with Fixed Spray Bar

The SJ-5 is the Landa version of the conventional parts washer with fixed spray arms.

Even though it does not feature Landa's unique spinning spray bar technology, it provides unusual focused cleaning power with 16 directional, brass spray nozzles that blast the parts from top and bottom spray bars.

The SJ-5's rugged 14-gauge steel cabinet is protected by an industrial two-step liquid polyurethane paint and has an automatic shutdown switch should the water level jeopardize the heating element.

It also has a 45-gallon water tank for greater retention of heat. Options include 24-hour heater timer and a flow-through hand brush easily accessed inside the tub.



- **Water Pump:** 1/2 HP Close-Coupled
- **Load Capacity:** 500 lbs.
- **Sump Capacity:** 45 gallons
- **Cabinet Dimensions:** 39"H x 46"W x 25"D

Options: Stainless Steel, Oil Skimmer, Detail Brush, Timers, Autofill, and many, many more.

Part Number	GPM	PSI	Basket Size	Working Height	Heating Element	Volt/Phase/Amps	Ship Weight
SJ-5D	27	20	26" x 16"	15"	1.5 kW	120/1/11*	372 lbs

*Models available in other electrical configurations.

REBEL™: Manual SS Hot-Water Parts Washer Sink

The Landa Rebel™ is the most rugged hot-water parts washer sink on the market with its 304 stainless steel construction and industrial-duty, time-tested, vertical seal-less pump that eliminates the need for an expensive filtration system.

From the painted stainless steel cabinet with a two-step polyurethane finish used in the automotive industry to the stainless steel automatic oil skimmer disc and from the low-water shutoff protection to the water-resistant metal control panel, the Rebel has been designed to hold up under the toughest of environments.

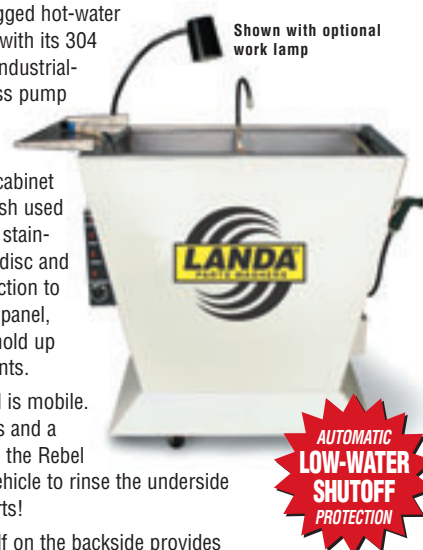
Besides being compact the Rebel is mobile. With four industrial-grade casters and a high-pressure, trigger spray gun, the Rebel can be wheeled under a raised vehicle to rinse the underside without having to remove the parts!

The Rebel's unique recessed shelf on the backside provides protection for motorized parts.

Options include a magnetic tool holder, easy-to-adjust metal work lamp, automatic water fill and power brush.

The Rebel is backed by a one-year warranty.

Options Available: Automatic water fill, Filtration System, Magnetic Tool Holder, Power Brush, 24-hour Heater Timer, Work Light, Rebel Washer Detergent, and many, many more.



- **Water Pump:** 1/6 HP Vertical seal-less
- **Sump Capacity:** 21 gallons
- **Sink Dimensions:** 10"H x 36"W x 26"D
- **Cabinet Dimensions:** 42"H x 39"W x 29"D

Part Number	GPM	PSI	Heating Element	Load Capacity	Volt/Phase/Amps	Ship Weight
REB-3626D	2.5	8	1.25kW	250 lbs	120/1/9.5	303 lbs

Power Scan Wash Front-Load Model

POWERED BY: ELECTRICITY • HEATED BY: ELECTRICITY

Power Scan Wash: Front-Load Model with Unique Oscillating Spray Bar That Cleans 50+% Better

Landa's Power Scan Wash is the only automatic aqueous parts washer with an oscillating spray bar delivering 50+% more effective cleaning than conventional parts washer by increasing the wash dwell time and by creating many more angles at which the hot water spray hits the revolving parts.

The vertical spray bar, with six zip-tip, quick-disconnect spray nozzles, oscillates back and forth as the parts, located in the rotating turntable basket, pass by the hot water spray that is constantly flooding the parts from the side, above and below.



Another unique design feature is the side-mounted component platform so the unit can be pushed up against a wall to conserve space.

Standard features include: low-maintenance vertical seal-less pump for consistent hot water flow; automatic oil skimmer; timers for pre-heating the water and automatic one-hour washing; fold-down intermediate spray manifold; pull-out debris tray; low-water shut-off; gear motor-driven turntable; containment ring; a parts tree and a parts basket; 12 quick-disconnect nozzles for ease in cleaning; and an oil drain container.

Part #	GPM	PSI	Basket Diameter	Working Height	V/Ph/Amp Electrical	Load Capacity	Ship Weight
PSW-2632A	50	45	26"	32"	230/1/38	800 lbs	890 lbs
PSW-2632B	50	45	26"	32"	230/3/23	800 lbs	890 lbs
PSW-2632C	50	45	26"	32"	460/3/11	800 lbs	890 lbs
PSW-2632F	50	45	26"	32"	575/3/9	800 lbs	890 lbs
PSW-2632G	50	45	26"	32"	208/1/42	800 lbs	890 lbs
PSW-2632H	50	45	26"	32"	208/3/25	800 lbs	890 lbs
PSW-2632A-S*	50	45	26"	32"	230/1/38	800 lbs	890 lbs
PSW-2632B-S*	50	45	26"	32"	230/3/23	800 lbs	890 lbs
PSW-2632C-S*	50	45	26"	32"	460/3/11	800 lbs	890 lbs
PSW-2632F-S*	50	45	26"	32"	575/3/9	800 lbs	890 lbs
PSW-2632G-S*	50	45	26"	32"	208/1/42	800 lbs	890 lbs
PSW-2632H-S*	50	45	26"	32"	208/3/25	800 lbs	890 lbs
PSW-3040A	50	45	30"	40"	230/1/38	800 lbs	990 lbs
PSW-3040B	50	45	30"	40"	230/3/23	800 lbs	990 lbs
PSW-3040C	50	45	30"	40"	460/3/11	800 lbs	990 lbs
PSW-3040F	50	45	30"	40"	575/3/9	800 lbs	990 lbs
PSW-3040G	50	45	30"	40"	208/1/42	800 lbs	990 lbs
PSW-3040H	50	45	30"	40"	208/3/25	800 lbs	990 lbs
PSW-3040A-S*	50	45	30"	40"	230/1/38	800 lbs	990 lbs
PSW-3040B-S*	50	45	30"	40"	230/3/23	800 lbs	990 lbs
PSW-3040C-S*	50	45	30"	40"	460/3/11	800 lbs	990 lbs
PSW-3040F-S*	50	45	30"	40"	575/3/9	800 lbs	990 lbs
PSW-3040G-S*	50	45	30"	40"	208/1/42	800 lbs	990 lbs
PSW-3040H-S*	50	45	30"	40"	208/3/25	800 lbs	990 lbs

*S = Stainless Steel on wetted parts

Parts Washer Accessory - minimize disposal costs

FOR: ALL PARTS WASHERS

PK-100D: Cleans Tanks and Extends Life of Wash Water

Landa's PK-100D PortaKleen is an economical and efficient way to process and extend the life of wastewater from a parts washer.

Components include a sump pump and hand truck with filter bag.

The sump pump is placed at the bottom of the parts washer tank where it suctions out the wastewater and passes it through the bag filter in a metal housing fixed to a hand truck. The water then flows into a 55-gal. drum (not included) where it is stored. A wet vac (not included) can then be used to remove residual sludge from the tank.

Finally, the water is returned to the tank, passing it one more time through the bag filter, thus extending the life of the wastewater and minimizing disposal costs. The bag is removed from the canister and allowed to dry for easy disposal.

Part Number	Flow Rate	Pump	Volt/Phase/Amps
PK-100D	40 gpm	1/3 hp	120/1/15



Extra-Large Capacity Front-Load

POWERED BY: ELECTRICITY • HEATED BY: ELECTRICITY

LC: Top-Of-The-Line Models for Extra-Heavy and Large Loads

There is no line of front-load, automatic parts washers with the cleaning versatility of Landa's LC (large capacity) with 48 variations to meet your cleaning needs.

Besides a wide variety of electrical configurations, the LC models include optional stainless steel and fresh-water rinse upgrades.

All models come with the LC's unique roll-in door design reducing the amount of floor space used by traditional units with swing out cabinet doors.

The LC front-load parts washers are capable of handling loads of up to 60 inches (5 feet) in height with a turntable diameter of up to 60 inches and load weights of as much as 5,000 lbs., plus optional upgrades of up to 72 inches working height.

Built with rugged steel and coated by a heat- and moisture-resistant paint with an automotive finish, the LC models provide focused cleaning with 18 to 26 precision spray nozzles focused directly onto the parts in the rotating turntable. A conveniently located intermediate spray bar lifts up or down to position the spray closer to the parts being cleaned.

Other features include:

- Adjustable thermostat and low-water shutoff protection;
- Built-in stainless steel oil skimmer and drain container for automatic disposal of floating oils in the sump tank;
- 1-hour wash and 12-hour heater timer for operating convenience and energy savings;
- High-efficiency calrod heating element protected by an incoloy sheath;
- Durable, time-tested 5 to 7.5 HP vertical seal-less pump with optional upgrades, including 10 HP for the largest models;
- Pull-out debris screen for preventing foreign objects from falling into the sump tank;
- Easy-reach sump access panel for convenience in cleaning tank with double-pitch floor;
- Recessed base to allow ample foot clearance while loading and unloading parts;
- Front-access drain cap for ease in flushing sump tank;
- Includes oil drain container, parts tree, parts basket and containment rings.

Options: Stainless Steel, Rinse, Autofill, Detail Brush, Doser Brush, Timers, and many, many more.



Shown with optional sump sweep and filtration.



- **Pump:** Vertical Seal-less, 5 HP (3636), 7.5 HP (3648, 4860, 6048)
- **Heating Element:** 15 kW (3636, 3648), 18 kW (4860) and 36 kW (6048)
- **Sump Capacity:** 113 gal (3636, 3648), 156 gal (4860) and 275 gal (6048)
- **Dimensions:** 83"H x 57"W x 65"D (3636), 95"H x 57"W x 65"D (3648)
106"H x 66"W x 75"D (4860), 96"H x 79"W x 90"D (6048)

Part Number	GPM	PSI	Basket Dimensions	Working Height	Load Capacity	Volt/Phase/Amps	Ship Weight
LC-3636B	110	50	36"	36"	2500 lbs	230/3/51*	1707 lbs
LC-3648B	200	50	36"	48"	2500 lbs	230/3/58*	1869 lbs
LC-4860B	200	50	48"	60"	2500 lbs	230/3/67*	2288 lbs
LC-6048B	200	50	60"	48"	5000 lbs	230/3/110*	2681 lbs

*Models available in other electrical configurations.

Single-Stage, Conveyor

POWERED BY: ELECTRICITY • HEATED BY: ELECTRICITY

MINI-MAX: Conveyor Washer for Assembly Lines

Landa has introduced the Mini-Max, a compact, single-stage, conveyor parts washer for manufacturing plants and other applications where in-line cleaning is needed.

Featuring a steel mesh belt 16 inches in width with a tunnel height of 10 inches, this automatic hot water parts washer can handle a broad array of parts that are commonly found in an assembly line or in-line applications.

The adjustable conveyor speed of 0 to 8 feet per second allows the operator to slow down or speed up the cleaning process and thus adapt to the level of grease and grime on the parts.

There are six Mini-Max models, with a variety of electrical and stainless steel configurations, all driven by a 5 hp vertical seal-less pump.

The wash tunnel features a 360-degree spray manifold and is accessed by a convenient lift-up lid, which has a built-in safety device that shuts down the parts washer if the lid is opened.

Other safety or protection devices include an automatic water fill and low-water shutoff system, fused lock out for main disconnect in box on the rear of the equipment and a Y-strainer in the plumbing to protect the nozzles (not present when optional filtration system is in place).

The water is heated by three 9 kW heating elements, raising the water temperatures to as much as 140°F.

A conveniently located, water-resistant control panel contains a push button start/stop button, analog conveyor control and temperature control.



Other features include:

- A slide-out debris tray with 20-mesh screen that makes easy work of removing large particles;
- A sloped tank design and capped pipe outlet for convenience in draining the wastewater;
- A fully automated, 12-inch stainless steel disc oil skimmer;
- Locking casters for use in moving the Mini-Max about the shop as needed.

Options: Stainless Steel on All Wetted Surfaces, Filtration System, Timers, and many, many more.

- **Wash Tunnel Height:** 10"
- **Water Pump:** 5 HP Vertical seal-less
- **Conveyor Belt Speed:** Adjustable, 0-8 ft. per minute
- **Conveyor Belt Mesh:** 1" x 1"
- **Dimensions:** 62"L x 58"W x 58"H

Part Number	GPM	PSI	Belt Width	Heating Element	Load Capacity	Volt/Phase/Amps	Ship Weight
MM-1610B	110	45	16"	3 x 9 kW	2500 lbs	230/3/77*	1234 lbs

*Models available in other electrical configurations.

LANDA Water Jet Surface Cleaner



Water Jet is the Mercedes-Benz of the surface cleaning market. It handles easier, cleans faster and holds up better under the toughest conditions.

The Water Jet's spray bar spins at 2000 RPM and can be adjusted to blast concrete but not dig up asphalt or wood. The rotating bar and shaft are made of stainless steel with sealed precision guide bearings for low maintenance and a long life.

A holster-mounted trigger gun and insulated wand make for convenient spot cleaning in hard-to-reach places.

Other features not called out:

- Made of durable, rust-free polyethylene, for easy handling, but weighs only 45 lbs.
- Pneumatic tires on steel wheels make for easy maneuvering on all surfaces;
- Easy-to-clean, in-line filter keeps spray nozzles from plugging;
- Auto switching between surface cleaner and holster-mounted wand;
- Tri-lingual warnings and operating instructions;
- Collapsible handle for ease in transporting.



Part No.	Description
30-585	Water Jet Surface Cleaner
95-0728030	Spray Angle Adjustment Tool
2-11058	Rotary Union
81-21007L	Actuator Valve Assembly
81-21227	Repair Kit, Actuator Valve

- **Rating:** Super-duty
- **Recommended Usage:** Heavy
- **Attaches to:** Any hot- or cold-water pressure washer with minimum of 2000 PSI, 190°F
- **Max PSI:** 4000
- **Max Temp:** 200°F
- **Cleaning Width:** 20"

LANDA Cyclone Surface Cleaner



The economy model flat surface cleaner, LANDA's Cyclone is the price-competitive surface cleaner with many of the same design features that have made the top-of-the-line Water Jet so popular.

The Cyclone's non-adjustable spray bar also spins at 2000 RPM and seemingly glides across flat surfaces riding on the evenly balanced tubed pneumatic tires and swivel caster wheel.

The rotating bar is made of stainless steel with medium-duty sealed precision guide bearings. Other features include:

- Durable, rust-free polyethylene spray housing;
- Fatigue-free trigger handle turns unit on/off for operator safety;
- Tangle-free hose connection for ease of maneuvering; and
- Tri-lingual operating instructions for added liability protection.



Part No.	Description
30-586	LANDA Cyclone Surface Cleaner
2-11055	Rotary Union

- **Rating:** Heavy-duty
- **Recommended Usage:** Medium
- **Attaches to:** Any hot- or cold-water pressure washer with minimum of 2000 PSI, 190°F
 - **Max PSI:** 3500
 - **Max Temp:** 200°F
 - **Cleaning Width:** 20"

Whisper Wash Flat Surface Cleaners

- Saves labor, fuel & water
- Eliminates overspray and zebra striping
- Use with conventional pressure washers
- Balanced spray bar
- Quick connection
- 2,000 to 4,000 PSI
- Use with cold or hot water
- 2500 RPM

Applications:

- Service Stations
- Pool & Patio Decks
- Warehouse Floors
- Loading Docks
- Parking Lots
- Public Facilities
- Restaurants
- Gondolas
- Stadiums
- Marina Docks
- Driveways
- Sidewalks
- School Yards
- And lots more!!

The "Maxima 36"

- Portable Breakaway Handle
- 212°F
- 4-10 GPM
- 2500 RPM
- Dimensions:
Cover: 36"
Handle: 77"
- Weight 37 lbs



Part No.	Description
343636	Whisper Wash Maxima 36

The "Big Guy"

- Powder coated aluminum housing
- Oversized, self-lubricating twin thrust bearings
- Choice of 2 or 4 nozzles
- 10" pneumatic tires, 4" caster
- Crafted with durable stainless steel & aircraft aluminum
- 4-10 GPM
- 212°F
- Dimensions: 28" x 44" x 12"
- Weight 48 lbs



Part No.	Description
343606	Whisper Wash Big Guy 2 Nozzles
343607	Whisper Wash Big Guy 4 Nozzles

Ground Force

- Flip and fold handle
- Choice of 2 or 4 nozzles
- Rebuildable swivel
- 4-10 GPM
- 212°F
- Dimensions: 24" x 60" x 9"
- Weight 29 lbs



Part No.	Description
343608	Ground Force



The Classic

- Portable breakaway handle
- ABS Housing
- 2" nylon brush
- 4-10 GPM
- 212°F
- Dimensions: 77" x 19" x 12"
- Weight 28 lbs

Part No.	Description
343605	Whisper Wash Classic

The Ultra Clean WW

- ABS Housing
- Four 3" casters
- Powder coated handle
- 3-6 GPM
- 185°F
- 2500 RPM
- Dimensions: 19" x 43" x 9"
- Weight 23 lbs



Part No.	Description
343604	Whisper Wash Ultra Clean WW

The Ultra Clean HC

- ABS housing
- 2" nylon brush
- Powder coated handle
- 3-6 GPM
- 185°F
- Dimensions: 16" x 43" x 9"
- Weight 19 lbs



Part No.	Description
343603	Whisper Wash Ultra Clean HC

Repair Kits

Part No.	Description
092105	Seal Kit; Classic, Big Guy & Ground Force
092108	Seal Kit; Ultra Clean
092109	Swivel Kit; Ultra Clean
092110	Swivel Kit; Classic, Big Guy & Ground Force

NOTE: 251119 - 2.5 x 25° 1/4" Nozzle Fits All Models

PRESSURE WASHERS ACCESSORIES

Water Broom 16"



- 4000 PSI
- Fits 1/4" wand
- Requires (4) 1/4" nozzles



Part No.	Description
343615	Water Broom 16"

Water-Sweepers



Excellent for sidewalk or concrete floor cleaning. Controls spray deflection.

- Rolls on four wheels
- Plastic cover with brush spray breaker
- Uses four Brass 1.5 x 80° V-jet nozzles (254620, below)
- Rated for 1,500 PSI w/ Brass nozzles
- Rated for 2,500 PSI w/ SS nozzles (non-hardened)

Part No.	Description
343602	ST-95 Water Sweeper
254620*	Nozzle 1/8" #1.5 x 80° (SS)

*Longer lasting replacement nozzle

Thunderdome Flat Surface Cleaner

A "Must Have" tool for every serious mobile cleaner, cleans areas other surface cleaners can't reach.



- Premium Quality Mosmatic Swivel
- Steel 1/4" Q.C. Inlet-Quick Connect to Guns, Lances Injectors, High Pressure Filters or other accessories
- Height 7.5" - OD 14.5"
- Light Weight - 3.2 lbs
- Size 5 Nozzle Equivalent
- Two Standard 1/8" 3.0 x 40° replacement nozzles
- 2.5 GPM @ 1000 PSI
- 4.0 GPM @ 2500 PSI
- 4.4 GPM @ 3000 PSI

Part No.	Description
343610	Thunderdome Base Unit
092175	Repair Kit

NOTE: Does not include gun-hose-lance-etc.

Mosmatic Turbo Surface Cleaner & Duct Cleaner



Delivers high-pressure performance with low maintenance for any hot or cold pressure washer. Completely stainless steel design makes this the toughest surface cleaner available in the pressure cleaning market.



- 4000 PSI
- 250°F
- 6.5lbs

Swiss engineered with high RPM Swivel features reinforced self-lubricated stainless steel ball bearings and dual spring based carbide seal bushings for long-lasting operation under tuff conditions.

Ideal for Pressure Washer Contractor to clean Walls, Ceilings, Public Facilities, Tile Floors and other hard to reach areas.



- 4000 PSI
- 250°F
- 2lbs
- Inlet Ports: 3/8" NPTF

Duct Cleaner

Designed as an accessory for use with high pressure pumps or pressure washers. Cleans Ducts, Chutes, Vents, Restaurant Exhausts, Tanks, etc.

Self rotating and feeding stainless steel triple bearing system for constant easy turning. Nozzle holders are 1/8" NPTF. Nozzles are sold separately.

Part No.	Description	PSI
411171	Turbo Cleaner	4000
411156	Duct Cleaner TXR-2s, Adjustable	4000
411155	Duct Cleaner TXR-2s, Fixed	4000

Fiberglass "Super Handles"



- Tough - durable - lightweight
- No cracking - splintering
- No kinks - dents
- Safer around electrical hazards
- Easy-Twist cam lock extension
- Super heavy-duty aluminum alloy threads
- Standard 3/4" Acme thread fits: Brooms, brushes, utility tools
- Optional reduction adapter for 3/4"

Part No.	Description
Super Handles	
306864	48" Length (4 ft)
306865	60" Length (5 ft)
306866	72" Length (6 ft)
Super-Extension Handles	
306868	4 ft to 8 ft Ext
306869	6 ft to 12 ft Ext
306870	8 ft to 16 ft Ext
075271	Threaded Adapter

Brushes



Rotating Brush - Natural Bristle (soft) used for painted surfaces. Nylon Bristle (stiff) used for removing scum and grime on fiberglass boats, etc.



- Internal nozzle = size 20
- Max Flow 8 GPM

Part No.	Description
Brush Unit Complete	
1-20	Natural
1-2005	Nylon
Replacement Brushes	
306927	Natural
1-22	Nylon

Truck Wash Brush



- Flag-tipped
- Firm bristle
- Poly block "Flow-Thru" head
- ACME thread for Super Handles, Flow-Thru lances or broom handles
- Trailer Brushes – (2-1/2" Bristle w/Bumper)

Part No.	Description
306800	2-1/2" x 10"
306818	2-1/2" x 18"
306824	2-1/2" x 24"
306860*	60" Flow Thru Lance

*with Acme Thread & Garden Hose Attachment

Deck Scrub Brush – Over / Under - Unique Heavy-duty Scrub Brush with Multi-Level/Angle.



- Trimmed for cleaning hard-to-reach areas
- 10" molded polypropylene foam block does not warp or absorb water
- Stiff polypropylene bristle for aggressive cleaning
- Excellent chemical resistance
- Use with threaded handle
- Not a Flow Thru

Part No.	Description
306812	Deck Scrub Brush

Tractor Brush - Soft for gentle cleaning of fine finishes.



Part No.	Description
306802	Flag Tip Window 10"
306810	"Extra-Soft" 10" w/ Bumper

Sandblast Kit - Carbon Nozzle Industrial Grade

SUTTNER

A Venturi orifice creates a uniform blast pattern, doubles sand velocity and produces up to 45% more work with 20% less sand.



- Solid Carbide blast nozzle
- Venturi orifice design
- Volume control sand feed valve
- Up to 3500 PSI
- Up to 750 lbs of sand per hour

Kit contents: Sand head w/ carbide nozzle, 20' lance, Sand probe, 13-1/2' sand hose, Sand flow regulator valve.

Kits

Orifice Size		Orifice Size	
4.0	391554X	6.0	391556X
4.5	391553X	7.0	391557X
5.0	391555X	10.0	391560X
5.5	391550X		

Part No.	Description
086941	Solid Carbide Nozzle only

Tip-Jet Nozzles for water nozzle replacement or for system volume changes.

Orifice Size		Orifice Size	
3.0	253316	6.5	253375
4.0	253330	7.0	253383
4.5	253338	7.5	253392
5.0	253346	8.0	253400
5.5	253355	9.0	253415
6.0	253365	10.0	253456

Professional Sandblast Head



- Long-wearing Carbide sand nozzle
- 1/4" FPT water inlet
- 200°F
- 10 GPM
- 3500 PSI
- Sand probe weight 6 oz, length 16"
- Head weight 13 oz

Nozzle Size		Nozzle Size	
3.5	391631	5.5	391635
4.0	391632	6.0	391636
4.5	391633	8.0	391637
5.0	391634		

Part No.	Description
391640	Sand Probe
121041	1/2" ID Polybraid Tubing, 25'

Industrial Sandblaster



Working Flow:
4 GPM at 3000 PSI
up to 8 GPM at 5000 PSI

- Carbide Sand Nozzle
- 25' Suction Hose
- Use 1/4" meg 5° Spraytip
- **Tips not included**, buy separately

Part No.	Description
391510	Sand Blast Kit
092157	Carbide Sand Nozzle
251159	4.0 x 5° Tip
251198	5.0 x 5° Tip
251221	5.5 x 5° Tip
251237	6.0 x 5° Tip
251256	6.5 x 5° Tip

LANDA Industrial Sandblasters

For the extra-tough cleaning jobs, wet-sandblasting is the dust-free solution.

LANDA's sandblasters attach to a hot-or cold-water pressure washer and, using a venturi, mixes sand or other abrasive media with the high-pressure spray to create enough cleaning power to strip paint off concrete and barnacles from a ship's hull.

The sandblasting nozzle is made of tungsten carbide for long life. There are two models—a top-of-the-line steel pot (photo at right) with tight-fitting lid or with a probe only.

Other features include:

- Quick-connect coupler for ease in attaching sand probe or pot;
- Valve for metering the flow of the media;
- Tubed, pneumatic tires for easy maneuvering.



4-011211

- **Rating:** Super-duty
- **Recommended Usage:** Heavy
- **Attaches to:** Any hot- or cold-water pressure washer with minimum volume of 4 GPM

Part No.	Description
4-011201	Sandblaster w/ Pot (Carbide)
4-011211	Sandblaster w/ Probe (Carbide)

LANDA Sand Nozzle



Tungsten Carbide provides maximum durability for sand blasting application.



- Carbide insert
- Light weight
- Easily changed

Part No.	Description
4-2002	Carbide Sand Nozzle

Chemical Jug Kit



- Handy detergent holder
- Easy to attach or remove from PHWS/OHW/HOT units

Part No.	Description
30-702	Kit, Chemical Jug

Pit Cleaner



Cleaning sludge from the bottom of a collection pit or tank is neither easy nor fun. But the Pit Cleaner makes it bearable.

An extended wand is attached to a cold- or hot-water pressure washer with a minimum of 1000 PSI. The pressure is channeled so that it creates a vacuum, capable of suctioning mud and sludge from the bottom of a pit, tank or even a pond.

The sludge is deposited into a porous collection bag, mounted on a hand truck, where the water drains out and the sludge is allowed to dry for proper disposal.



4-41120

30-580



30-575

Part No.	Description
30-575	Pit Cleaner Assembly (as shown w/hose)
30-580	Sludge Cart (sold separately)
4-41120	Sludge Pump Head w/ 05 nozzle installed
4-02190003	Hose, 1-1/2" Spirallite, per foot

Foot Controlled Pressure Valve

SUTTNER

Operators of sewer and tube cleaning equipment need both hands free to feed or retract the hose in the sewer line. Foot operated valve allows hands-free control.



344200

342024

- Inlet 3/8" - outlet 1/4"
- Brass body – Stainless steel valve
- Steel cover for safety
- Up to 12 GPM
- Up to 5000 PSI

Part No.	Description	PSI
344200	Sewer Cleaner Foot Valve	3000
342024*	Foot Valve w/ ST-2305	5000
089006	Repair Kit - Foot valve	
089850	Repair Kit ST-2305	

*Heavy gauge steel construction for durability and stability



- Complete kit; includes 25' hose, 4.5 nozzle and foot valve
- Ready to go!

Part No.	Description	PSI
4-0193	Foot Controlled Pressure Valve Kit	3000

Sewer Hose

SUTTNER

SUPER FLEXIBLE SEWER LINE HOSE Hose and couplings have small outside diameter, allowing hose and nozzles to fit through sewer line. Sewer line has Super Tough poly-ether cover over ultra-flexible nylon tube. (1/8" sewer nozzle and hose will operate through many 1-1/2" lines.)
(Nozzles not included.)



- 150°F
- Nylon tube, poly-ether cover

Part No.	Description
1/8" hose – 3000 PSI working pressure	
150960	1/8" x 25' Hose (1/4" Inlet/1/8" Outlet)
150963	1/8" x 50' Hose (1/4" Inlet/1/8" Outlet)
150964	1/8" x 100' Hose (1/4" Inlet/1/8" Outlet)
1/4" Hose – 2500 PSI working pressure	
150968	1/4" x 50' Hose (1/4" Inlet/1/4" Outlet)
150970	1/4" x 100' Hose (1/4" Inlet/1/4" Outlet)
1/4" Hose – 4200 PSI working pressure	
150972	1/4" x 50' Hose (1/4" Inlet/1/4" Outlet)
150973	1/4" x 100' Hose (1/4" Inlet/1/4" Outlet)

Tube Cleaning Nozzles

SUTTNER

The reverse jets on the fixed and rotary nozzles pull the hose through the tube or sewer line and blast debris from line or tube walls. Fixed nozzles also have forward orifice to blast blockage out of the way.



- Standard sewer nozzle
- Blast forward and back
- Clears clogs and flushes out lines
- 4200 PSI



- Rotating sewer nozzle
- Adds extra agitation
- 3000 PSI
- **Back Jet Only**

Part No.	Nozzle	Size
373024	1/8" (back jet only)	4.5
4-01916	1/8"	5.5
4-019101	1/4"	4.5
4-01911	1/4"	5.5
4-01913	1/4"	6.0
4-01914	1/4"	7.5
373028	1/4"	8.0
373032	1/4"	12.0
373038	3/8"	4.0
373037	3/8"	5.5
373039	3/8"	8.5
373036	3/8"	12.0
373035	3/8"	14.0
Rotating Nozzle		
4-01917	1/8"	5.5
4-01918	1/4"	5.5
4-01919	1/4"	8.0
Duct Cleaner*		
373040	1/4"	5.5

*Duct Cleaner jet to sides instead of reverse

Stainless Steel Sewer Nozzles



- 4100 PSI
- Corrosion Resistant Stainless steel
- One Forward Orifice
- Three Rear Orifices

Part No.	Nozzle	Size
373075	1/8" FPT	5.0
373076	1/8" FPT	5.5
373077	1/8" FPT	6.0
373078	1/4" FPT	6.5
373079	1/4" FPT	7.0
373080	1/4" FPT	9.5

Dual Chemical Systems



- New deep-ribbed Yellow casing, stays flexible even in cold temperature
- Hose assembly complete with gun and amphenol connectors pre-wired
- Fully compatible with Power Blaster, Two-Step, Chemex and most other cold water dual chemical systems

Part No.	Description
285116	80' R2 Electric (5 wire)
285120	100' R2 Electric (5 wire)

PRESSURE WASHERS ACCESSORIES

Vinyl Skid Covers



Custom-designed covers provide all-weather protection for LANDA's skid-mounted pressure washers.

Made of seamless, truck-tarp-quality, vinyl-coated polyester (18 oz. per square yard), the covers fit snugly over the equipment so there is no need to tie down the cover.



The covers are both waterproof and capable of withstanding high winds.

2-9025

Part No.	Description
2-9025	SDHW, SGHW, Vinyl Cover
2-9026	PGHW, Vinyl Cover

Gloves - Industrial Duty

Industrial Grade Gloves for most industry needs chemical/ heat/ abrasion/ laceration protection.



116105 Gray – Split Cowhide work gloves, 2-1/2" gauntlet unlined – Great general purpose work glove.



116114 Black, 14" PVC Glove lined with cotton for the most demanding chemical handling. Resists alkalines, acids – even works well as a sandblasting glove.

Part No.	Description
116105	Gray Roughout
116114	Black PVC

Drum Tool Accessories

The Indispensable Tools.



449339



118400



118404



249939



118407

Part No.	Description
449339	Drum Plug Wrench
118400	Lid-Off
118404	Funnel, 7" x 10"
118407	3/4" Faucet
118408	2" Faucet

Load Cincher Tie Downs

249938	7/8" x 5-1/2' (Non-Ratchet) "Quick Lock"
249939	1" x 15' (Ratchet) "Tight Lock"

Siphon Pumps

Siphon liquids from higher to lower levels. Simply pump the bellows a few times to prime and start flow. Loosen air lock to stop.



- Drum pump fits 15, 30 & 55 gallon drums
- Fit 2" bung opening
- Excellent for: Alkaline & acidic chemicals, diesel fuel, & oils
- Not for use with solvents!

Part No.	Description
118431	Super Duty "PE/PVC" 7 GPM
9-50035	Red Hex Head (Heavy-duty)
90-8108	Red Head (Standard duty)
118420	Pail Pump (5 Gallon)

Drum / Tank Pump - Crank Type

Chemical-resistant, lightweight pump, ideal for dispensing chemicals, pesticides and oils. **Polypropylene** for most alkalies, dilute acids, pesticides, and most oils & solvents. **Ryton** for extremely aggressive acids, aromatic and aliphatic hydrocarbons.



SPECIFICATION:

- 11 oz per revolution
- 6 GPM @ 70 RPM
- Viton seals
- Polypropylene gasket
- 2" bung adapter
- Outlet 3/4" barb 2 piece
- 47" suction tube
- Weight 2.6 lbs

Part No.	Description
118435	Polypropylene Pump (Standard)
118438	Ryton Pump (Deluxe)
076975	Replacement Handles

Air Power Sprayers



- Pump-up style
- Heavy-duty plastic sprayers for chemical applications
- Both models have Adj. Nozzle – from mist to solid stream
- 2 gallon unit has 2' hose and hand trigger
- Excellent chemical resistance
- Locking hand pump handle serves as carrying handle

Part No.	Description
118842	Thumb Button 3 Pint
118835	2 Gallon Sprayer

Compact Foamer



Generates a high density clinging foam for extended dwell time to increase chemical action



- Stainless steel, aluminum and brass
- 5" long, 1" diameter
- 4 and 6.5 nozzle included
- 1 to 5 GPM
- 2500 PSI
- 195°F

Part No.	Description
344022V	1/8" F Inlet
344023V	1/4" F Inlet

NOTES: Most cleaning chemicals perform best when applied at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

Foam Cannon

The Ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- Stainless Steel 1.5mm orifice (#5.5 nozzle equivalent)
- Brass meter valve
- 4.8 GPM
- 3000 PSI
- 176°F
- High impact glass-filled body
- SS Foam Turbulator
- 1/4" FPT lance connect

Part No.	Description
344030	Foam Cannon/ Injector
344032	Foam Cannon/ Injector/Bottle

Thread Lock Products



NUT GRADE™ Medium strength threadlocking. Seals most types of nuts and bolts, allowing disassembly with standard tools. Blue in color; removable and non-running.

STUD GRADE™ Very high strength PERMANENT threadlocking for maximum security. Suitable for most applications on fasteners up to 1" in diameter where disassembly is not required. Red in color.

PENETRATING ADHESIVE (SEALANT) is designed specifically for use on pre-assembled connections. Seals small gaps through capillary action. Green in color.



- Direct replacement for LocTite® and Fel-Pro™ products
- ND™ anaerobic adhesives are liquid materials that cure to a solid, chemical-resistant plastic state when air is not present
- Excellent lubricant; prevents corrosion and fretting

Part No.	Description	LocTite Equiv	Bottle Size
112350	Nut Grade™	242	10 ml
112352	Nut Grade™	242	50 ml
112354	Nut Grade™	242	250 ml
112360	Stud Grade™	271	10 ml
112362	Stud Grade™	271	50 ml
112367	Penetrating Adhesive (Sealant)	290	10 ml

Nut Grade™ and Stud Grade™ are trademarks of the Oakland Corp. LocTite® is a registered trademark of the LocTite Corp.

Rain Suit - 2 Piece



- Heavy-duty 2-ply laminated vinyl (25 mil)
- Jacket & pants
- Bright safety yellow
- Vented for air flow

Part No.	Description
116100	Large
116101	Extra Large

Amazing Pocket Reference - 3rd Edition

A ton of information in a 5 oz book!



- Air & gases
- Automotive
- Chemistry
- Electrical
- Physical constants
- Math
- 3350 conversion factors
- Plumbing & pipe
- Over 20 other subject areas

Part No.	Description
449015	Pocket Reference

Shipping Tape & Dispenser

Big 2" x 110 yard rolls of clear. Biaxially-oriented polypropylene for secure packages.

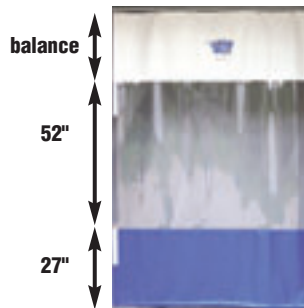


- Heavy-duty tape dispenser with serrated blade

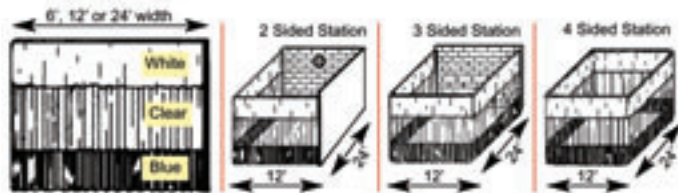
Part No.	Description
118916	Dispenser Boxed
118918	110 Yard Roll

Goff's Curtain Walls

Build a Power Wash Cell to meet your needs. Goff's Curtain Walls™ increase useable floor space while controlling overspray, contaminants, climate, and noise levels. Curtain Walls™ glide easily on steel track and dual-wheeled rollerhooks. Made from a combination of 14-oz. heavy-duty, reinforced vinyl and double-polished 20-mil clear PVC material. Reinforced hems and chain-weighted lower hems add durability. Hook and loop fasteners on side hems attach to adjacent panels. Meet NFPA-701 requirements for flame retardancy. Curtains are also rot and mildew resistant. Standard model has a white vinyl top, clear PVC center, and blue vinyl bottom.



- #2 Brass tooth grommets on 1' centers
- 14 oz. reinforced vinyl white top section
- All seams double locked stitched
- Hook & Loop Fasteners allow adjacent panels to be easily attached to one another
- 20 mil. double polished clear window
- All sections joined together using mildew/rot resistant thread
- 14 oz. reinforced colored vinyl section (your choice of over 12 different colors)
- Chain weighted lower hem



Part No.	Description	PSI
Single		
681135	6' width x 8' high	1500
681136	6' width x 9' high	1500
681134	6' width x 10' high	1500
681133	6' width x 12' high	1500
681083	12' width x 8' high	1500
681084	12' width x 9' high	1500
681089	12' width x 10' high	1500
681082	12' width x 12' high	1500
681088	24' width x 8' high	1500
681085	24' width x 9' high	1500
681086	24' width x 10' high	1500
681087	24' width x 12' high	1500
Station		
681137	2-sided x 8' high	1500
681146	2-sided x 9' high	1500
681140	2-sided x 10' high	1500
681143	2-sided x 12' high	1500
681138	3-sided x 8' high	1500
681147	3-sided x 9' high	1500
681141	3-sided x 10' high	1500
681144	3-sided x 12' high	1500
681139	4-sided x 8' high	1500
681148	4-sided x 9' high	1500
681142	4-sided x 10' high	1500
681145	4-sided x 12' high	1500

includes hardware, track & rollers (white top, clear center & blue bottom panel)
All 2, 3 & 4-sided stations are 12' wide x 24' long (see diagram above)

LANDA Gun



Designed exclusively for LANDA to meet the demands of the high pressure cleaning professional.



- **PSI:** 5000
- **GPM:** 10
- **Temperature:** 350°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 27.5 oz

LANDA 5000 PSI

Part No.	Description
4-01212	LANDA Gun
12-30203124	Repair Kit

Legacy AP1000 Trigger Gun



The World's most popular and easy to repair trigger gun!!!



- **PSI:** 4500
- **GPM:** 12
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 19 oz

AP1000

Part No.	Description
353010	AP1000
353010W	AP1000 Weep
109856	Unitized Valve
109857	Unitized Valve (Weep)
109858	Trigger Seal Kit

Power performance with comfort and durability.



- **PSI:** 4600
- **GPM:** 10
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 23 oz

Part No.	Description
353025	Model 2500
109950	Unitized Valve
109960	Trigger Seal Kit

Extra value!



- **PSI:** 4000
- **GPM:** 7
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 13.4 oz

AP740

Part No.	Description
353030	AP740
111266	Repair Kit
111279	Trigger Seal Kit

Linear Trigger Guns



Superior quality inline gun, especially well suited for high reach applications.



- **PSI:** 4000
- **GPM:** 10.5
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21.9 oz

Linear

Part No.	Description
353201	Linear 2 Gun
109797	Repair Kit-Linear 2 Gun
109900	Repair Kit-Old Style Gun



- **PSI:** 3000
- **GPM:** 7
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 14 oz

AP2000

Part No.	Description
353020	AP2000
109875	Trigger Seal Kit
109876	Valve Seat Kit

Iride Trigger Gun



- **PSI:** 4100
- **GPM:** 8
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 24 oz

Part No.	Description
353270	Iride
109950	Repair Kit
109960	Trigger Seal Kit

Giant Trigger Guns



The Original "Heavy weight".



- **PSI:** 5000
- **GPM:** 10
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 29.28 oz

21290C

Part No.	Description
81-21250	21290C - Brass Outlet
352250	21250B - SS Outlet
81-21227	Repair Kit

Suttner Trigger Guns

High pressure and fatigue free "relax action" design.



- **PSI: 5000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2605

Part No.	Description
4-01223	ST-2605
84-202300490	Unitized Valve

Extreme durability with easy pull trigger.



- **PSI: 5000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2305

Part No.	Description
4-01922	ST-2305
352239	ST-2300 w/ Weep (4500 PSI)
84-202300490	Unitized Valve
089851	Unitized Weep Valve

The handle style for "Big Hands".



- **PSI: 4000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 26 oz

ST-2000

Part No.	Description
4-01203	ST-2000
84-202000044	Unitized Valve
089631	Unitized Weep Valve

The perennial favorite for general pressure washer applications.



- **PSI: 4000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20.5 oz

ST-1500

Part No.	Description
4-01205	ST-1500
352236	ST-1500 w/ Weep
84-202000044	Unitized Valve
089631	Unitized Weep Valve

Suttner Trigger Guns (continued)

15° offset angle thru gun for easier overhead use.



- **PSI: 4000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 23 oz

ST-601

Part No.	Description
4-01204	ST-601
84-202000044	Unitized Valve

Relax action design, **STAINLESS STEEL** gun.



- **PSI: 5000**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21 oz

ST-2700

Part No.	Description
4-01224	ST-2700
84-202700490	Unitized Valve

J.E. Adams Trigger Gun



Vented handle for Cooler Operation.



- **PSI: 4500**
- **GPM: 12**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 25.64 oz

5030NP

Part No.	Description
85-5030	Adams 5030NP
85-5044	Repair Kit

MV 950 Gun



- **PSI: 4500**
- **GPM: 8**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20 oz

Part No.	Description
353045	Model 950
110030	Valve Kit

PA Trigger Guns



Good Solid Heavy-duty Trigger Gun.



- **PSI: 5000**
- **GPM: 10.5**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 26 oz

RL30 – YG5000

Part No.	Description
4-01211	RL30–YG5000
111976	Repair Kit

Good Solid Heavy-duty Trigger Gun.



- **PSI: 5000**
- **GPM: 10.5**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 27.5 oz

Vega 5000

Part No.	Description
352222-5	Vega 5000
352222W	Vega Weep Gun
110550	Valve Kit Vega
110574	Weep Valve Kit Vega
111950	Repair Kit

Easy Hold Trigger, Stainless Steel Compensating.



- **PSI: 6400**
- **GPM: 10.5**
- **Temperature: 320°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 30 oz

Orange Nova

Part No.	Description
353223	Orange Nova SS Gun
111980	Repair Kit Orange Nova

Easy pull and easy to hold with matching blue lance.



- **PSI: 5650**
- **GPM: 8**
- **Temperature: 320°F**
- 3/8" FPT inlet x 1/4" BSP outlet
- Weight: 23.3 oz
- Blue vent grip, stainless steel lance has 1/4" BSP threads

RL-55 Blue & Lance



Part No.	Description
4-01219	Gun/Lance Assembly
353250	RL-55 Blue Gun
368440PB	40" SS Lance w/ Blue Vent Grip
111814	Repair Kit- RL-55

PA Trigger Guns (continued)



- **PSI: 3200**
- **GPM: 8**
- **Temperature: 320°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 10 oz

RL20

Part No.	Description
353207	RL20
109993	Repair Kit

MV Hobby Wash Gun



Excellent Light-duty gun.



- **PSI: 1850**
- **GPM: 5**
- **Temperature: 180°F**
- 1/4" M inlet x 1/4" F outlet
- Weight: 8.4 oz

Hobby Wash Gun

Part No.	Description
353040	Hobby Wash Gun

Arrowline Guns



Easy Pull, Easy Hold!



- **PSI: 5000**
- **GPM: 8**
- **Temperature: 302°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20 oz

AL 35

Part No.	Description
353110	AL 35 - Blue
353111	AL 35 - Yellow
AL016650016	Repair Kit

Easy pull trigger.



- **PSI: 4500**
- **GPM: 8**
- **Temperature: 302°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 20 oz

AL 19

Part No.	Description
353105	AL 19
AL016650016	Repair Kit



- **PSI: 4060**
- **GPM: 10.5**
- **Temperature: 300°F**
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 25 oz

AL 5

Part No.	Description
353100	AL 5
AL01165006	Repair Kit

Big Guns



Model 100 "Big Brown Gun"

- **PSI: 1800**
- **GPM:** 26.5
- **Temperature:** 300°F
- 1/2" FPT inlet / outlet
- Weight: 59.2 oz



Model 160 "Big Blue Gun"

- **PSI: 3200**
- **GPM:** 42
- **Temperature:** 210°F
- 1/2" FPT inlet / outlet
- Weight: 60.3 oz



Part No.	Description
353245	Model 100
109775	Repair Kit - Model 100
353260	Model 160
111900	Repair Kit - Model 160



Model 80 "Big Black Gun"

- **PSI: 8100**
- **GPM:** 21
- **Temperature:** 210°F
- 1/2" SS FPT inlet / outlet
- Weight: 60.3 oz



ST-3002 Stainless Steel Gun

- **PSI: 7250**
- **GPM:** 26
- **Temperature:** 300°F
- 1/2" plated steel FPT inlet / outlet
- Weight: 42.5 oz



Part No.	Description
353246	Model 80
109825	Repair Kit
352223	ST-3002
089876	Repair Kit (Includes Seal Kit)
089875	Seal Kit

Big Stainless Steel Lances & Side Handles

For big guns shown above.



- **PSI: 7200**
- **Temperature:** 300°F

- High pressure stainless steel pipe
- Complete with adjustable handle & coupler for 1/4" MPT nozzle
- 1/2" MPT gun connection
- Schedule 80 pipe

Part No.	Description
352902A	20" Wand w/ Handle
352904A	40" Wand w/ Handle
352906A	Side Handle Only

Open Guns

Just plain comfortable!



- **PSI: 4500**
- **GPM:** 12
- **Temperature:** 302°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 21.5 oz

Part No.	Description
352602	12 GPM Open Gun

Durable Glass Reinforced Handle.



- **PSI: 4000**
- **GPM:** 12
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Tubular Flow-Thru internals for high pressure and efficiency
- Weight: 16.7 oz

Part No.	Description
352600	Legacy AP1000 Open Gun

Open Guns (continued)



- **PSI: 4000**
- **GPM:** 7
- **Temperature:** 300°F
- 3/8" FPT inlet x 1/4" FPT outlet
- Weight: 12.2 oz

Part No.	Description
353050	AP740 Open Gun

Flow Thru Guns



- Pistol grip gun handle
- Tough polyurethane insulation
- Cushion grip - red or black
- Full grip or slim line handle (See specs below)

Part No.	Description
352605	Full Red Grip 3/8" FPT x 1/4" FPT
352606	Full Black Grip 3/8" FPT x 1/4" FPT

Gun Handle w/ 1/8" Lance

352614	Slim Red Grip 1/4" M x 1/4" F
352616	Full Black Grip 3/8" F x 1/4" M

LANDA Variable Pressure Lances

The *LANDA* Stainless Steel Variable pressure lance simply out classes the competition. 41" length to meet ETL Standards plus 1/4" stainless steel tubes provide superior look and durability. Designed specifically for *LANDA* to our specifications



- 4-011143A with coupler shown
- 1/4" stainless or zinc plated tubes
- Fully insulated
- New improved brass valve body and Stainless Steel valve bushing

Part No.	Description
4-011143A	Stainless Steel w/ Coupler
4-0111391	Stainless Steel Lance Only
4-0111351A	Zinc Plated w/ Coupler
83-SSVPKIT	Repair Kit

Insulated Lances

LANDA Quality through and through. Superior heat protection with stainless steel tube construction. Available in stainless steel and zinc plated with vented grips or with molded plastic grip as shown below



- 4-0111021 35.5" lance with vented grip and coupler, stainless steel shown
- Vented insulated grip

Part No.	Length	Description
4-0111021	35.5"	Vented Grip w/ Coupler, SS
4-01114230	35.5"	Vented Grip, SS, Lance only
4-011062	72"	Plated, Vented Grip w/ Coupler
4-0111427	72"	Plated, Vented Grip, Lance only

AP Dump Gun

Water continues to run through the tube even when trigger gun is closed.



AP Single Lance Dump Gun

- **PSI: 3000**
- **GPM: 10.5**
- **Temperature: 140°F**
- 3/8" FPT inlet x 1/8" FPT outlet

Part No.	Description
352810	Dump Gun 16" Lance
352812	Dump Gun 40" Lance
109905	Repair Kit

Steam Lance

Designed for use with the *LANDA* Hot 3-300 Steamer unit. Completely insulated for maximum protection



- 4-01111 lance with steam nozzle shown
- Vented grip full length of lance

Part No.	Description
4-01111	48" w/ Steam Nozzle
4-01110	48" w/o Steam Nozzle

Cold Water Lances

Made of 304 Stainless Steel for long lasting durability. As shown below, the 4-0110410 31" lance also has a highly visible yellow safety cover and coupler



- High visibility yellow protective cover
- Stainless steel 1/4" pipe

Part No.	Description
4-0110410	31" Covered w/ Coupler

Dump Gun

Industrial duty dual-barrel.



Dual Lance Dump Gun

- **PSI: 3000**
- **GPM: 10**
- **Temperature: 200°F**
- 3/8" FPT inlet x 1/8" FPT outlet

Part No.	Description
352820	Dump Gun w/ 36" Lance
075296	Repair Kits

AL Dual Lances

Premium lance with stainless steel inserted seat.



AL Premium Dual Lance

- **PSI:** 3600
- **GPM:** 10.5
- **Temperature:** 302°F
- 1/4" tubing
- Vented grip
- 1/4" male inlet - female outlet

AL Basic Dual Lance

- **PSI:** 3600
- **GPM:** 10.5
- **Temperature:** 302°F
- 1/4" male inlet - female outlet
- 1/8" Zinc plated tubes
- Square molded grip inlet

Part No.	Description
368925	Stainless Steel Pipe
368925Z	Zinc Plated Pipe
AL8355VPKIT	Repair Kit
368927	Basic Dual Lance
AL004650300	Repair Kit

Dual Lances



Interpump Dual Lance

- **PSI:** 3000
- **GPM:** 10
- **Temperature:** 220°F
- Excellent for down stream injector
- Zinc-plated for chemical resistance
- Brass & stainless steel valve w/ Viton seals
- Side handle valve adjustment

Part No.	Description
4-011139	36" Standard
4-0111412	72" Extended
4-011142A*	36" Deluxe Standard
4-0111421*	72" Deluxe Extended
1-VPKIT	Valve Repair Kit

*Deluxe Lances

Include Hardened Steel QC Inlet Plug, Soap Nozzle and Top Quality Quick Coupler. See lances with deluxe noted above.



Suttner Push & Pull Lance



(Pictured in "pull" 90° position)

- **PSI:** 3050
- **Temperature:** 300°F
- 1/4" MPT inlet
- 1/4" MPT outlet
- Vented grip can be pushed and pulled to make 90 degrees
- Each desired angle remains stationary until adjusted
- Cleans hard to reach areas easier, saving time

Part No.	Description
368880	ST-85 Push & Pull Lance

Suttner Dual Lances



ST-54 w/ Side Handle



ST-53 w/ Knob

- **PSI:** 4000
- **GPM:** 10
- **Temperature:** 300°F
- Zinc / chromate finish
- 38" total length
- Molded grip
- High pressure thin wall tubing
- Weight: 42 oz

Part No.	Description
368153	ST-53 with Knob (4000 PSI)
368154	ST-54 with Side Handle (4500 PSI)
086884	Repair Kit (ST-53)
086883X	Clamp Kit (ST-53/54)
086907	Repair Kit (ST-54)

Dual Trigger Lance

Unique Design – Go from High Pressure to Low Pressure (Rinse to Soap) with a pull of the trigger. Use with separate Trigger Gun or as an Open Gun, and still change from High to Low.



- **PSI:** 3600
- **GPM:** 12
- **Temperature:** 300°F
- Zinc-plated steel tubes
- Stainless steel seat
- Includes nozzle protector
- Weight: 39 oz

Part No.	Description
368158	48" Dual Trigger Lance
109490	Seal Kit

Legacy Superlite SS Dual Lance



Superlite stainless steel with nozzle guard.



- **PSI:** 4000
- **Temperature:** 200°F
- Side handle/ Valve actuator
- Viton seal
- Forged brass valve body
- 1/4" MPT inlet
- 1/8" SS outlet tubing

Part No.	Description
368160	36" - 37.8 oz
368165	72" - 56.0 oz
109490	Seal Kit

PA Insulated Molded Grip Lances Round Daisy Grip



- **PSI:** 4000
- **Temperature:** 300°F
- Zinc-plated high pressure tubing
- Glass-filled polyamide grips
- 1/4" MPT both ends
- Round daisy grip
- Better heat dispersion
- Reduced weight

Part No.	Length	Description
368712PA	12"	Single Grip
368720PA	20"	Single Grip
368724PA	24"	Single Grip
368728PA	28"	Single Grip
368736PA	36"	Single Grip
368748PA	48"	Double Grip
368760PA	60"	Double Grip
368778PA	79"	Triple Grip

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of Part Number

AP Uninsulated Lances



Stainless steel or corrosion-resistant bright zinc-plated lances made with 1/4" tubing.



- **PSI:** 4100
- **Temperature:** 300°F
- Superior strength rolled threads
- 1/4" high pressure, lightweight, thin wall tubing

Part No.	Length
Stainless Steel	
368212	12"
368220	20"
368224	24"
368228	28"
368236	36"
368248	48"
368260	60"
368278	78"
Zinc-plated	
368312	12"
368320	20"
368324	24"
368336	36"
368348	48"
368360	60"
368378	78"

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of Part Number

Square Molded Grip Lances



- **PSI:** 4500
- **Temperature:** 300°F
- Polyamide square grip
- 1/4" MPT both ends
- Bright Zinc-plated Steel

Part No.	Straight Length
368712A	12"
368720A	20"
368724A	24"
368728A	28"
368736A	36"
368748A	48"
368760A	60"
368779A	79"

AP Lances w/ Oval Grips



10% Lighter weight reduces operator fatigue. Stainless steel or Zinc-Plated.



- **PSI:** 4100
- **Temperature:** 300°F
- 1/4" MPT both ends
- Tough glass-filled polyamide
- Molded-on solid oval

Part No.	Length	Description
Stainless Steel		
368412	12"	Single Grip
368420	20"	Single Grip
368424	24"	Single Grip
368428	28"	Single Grip
368436	36"	Single Grip
368448	48"	Double Grip
368460	60"	Double Grip
368479	79"	Double Grip
Zinc-plated		
368712M	12"	Single Grip
368720M	20"	Single Grip
368724M	24"	Single Grip
368728M	28"	Single Grip
368736M	36"	Single Grip
368748M	48"	Double Grip
368760M	60"	Double Grip
368779M	79"	Double Grip

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of Part Number

Suttner Solid Insulated Molded Grip Lances



- **PSI:** 5800
- Glass-Filled Polyamide Grip
- Zinc-Plated High Pressure Steel Tubing
- 1/4" MPT Both Ends

Part No.	Length
368712	12"
368720	20"
368724	24"
368736	36"
368748	48"
368760	60"
368779	79"

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of Part Number

Super Value Vent Grip Lances

Stainless steel or zinc-plated lances with 1/4" inlet/outlet.



- **PSI:** 4100
- **Temperature:** 300°F
- Tough, reusable molded nylon vented handles for heat dissipation
- Heat venting hollow insulators
- 1/4" nozzle protector INCLUDED
- 1/4" male inlet – female outlet

Part No.	Length	Description
Stainless Steel		
368820SS	20"	Single Grip
368824SS	24"	Single Grip
368836SS	36"	Single Grip
368848SS	48"	Double Grip
368860SS	60"	Double Grip
368879SS	79"	Double Grip

Zinc-plated		
368820M	20"	Single Grip
368824M	24"	Single Grip
368836M	36"	Single Grip
368848M	48"	Double Grip
368860M	60"	Double Grip
368879M	79"	Double Grip

NOTE: For 15° bend at Lance Discharge, Place "BND" at end of Part Number

MV Lance Handle



- Use on all 1/4" lances
- Easily positioned without removal of nozzle

Part No.	Description
109873	1/4" Lance Handle

Lance Handles / Accessories

Vented Grip, Side Handle with Nut and Vented Grip with Side Handle can be user-attached to Uninsulated Lances or 1/4" Steel Pipe – Detachable & Reusable.



AP	Description
368909P	Vent Grip Only (14" long)
368909PS	Grip with Side Handle
368920P	Side Handle with Nut

SUTTNER	Description
368909	Vent Grip Only (14" long) ST-9
368911	Grip with Side Handle
4-01207	Side Handle with Nut

Spray-Flex™ Flex Wand

Gives easy access to difficult spots, great for cleaning engines, roofs, eaves or underneath almost anything! Holds its' shape under pressure.



- **PSI:** 3000 or 5000
- **Temperature:** 190°F
- 90° flexibility

Part No.	Description
4-01109	Spray-Flex™ Flex Wand - 3000 PSI
368116	Spray-Flex™ Flex Wand - 5000 PSI

Flex Lances

Flexes a full 180° and returns, saving broken wand repairs.



- **PSI:** 2000
- **Temperature:** 200°F
- Prevents bent lances & broken hoses
- Industrial grade polyurethane flex section
- Perfect for self-serve carwash bays
- 1/4" galvanized pipe end sections

Part No.	Description
368118	18" Red, 1/4" MPT x 1/4" MPT
368121	21" Red, 1/4" MPT x 1/8" FPT
368124	24" Red, 1/4" MPT x 1/8" FPT

Telescoping Lances



Reach high places without scaffolding. High quality telescoping lance reaches up to 24', 3 sizes to choose from. Lightweight and balanced under pressure

- **PSI:** 3000, Optional: 4000
- **Temperature:** 200°F
- Safe & convenient – cuts cleaning time by 50%
- Easily adjusted for desired lengths
- Lightweight & balanced under pressure

- 1/4" QC socket for easy nozzle changes
- 3/8" QC plug on trigger gun inlet
- Reinforced guns are bolted to lance
- AP 2000 Gun (353020) on 3000 PSI models

Part No.	Length	PSI
368095	6' – 12'	4000
368096	6' – 18'	4000
368097	8' – 24'	4000

Fiberglass Telescoping Lances



High quality telescoping lance reaches up to 24', 3 sizes to choose from. Lightweight and balanced under pressure.

- **PSI:** 3500
- **Temperature:** 200°F
- 6' - 12' Lance shown



Shoulder Strap and Belt

Part No.	Length	PSI	Description
4-011012	6' – 12'	3500	Long!
4-011018	6' – 18'	3500	Longer!!
4-011024	8' – 24'	3500	Longest!
4-011015	Strap & Belt Shoulder Harness		

Hobby Gun, Lance & Hose

Don't turn away hobby unit owners. Complete replacement hose, gun and lance!



Part No.	Description
4-011137	Insulated Lance w/ Gun
4-011106	Lance w/ Coupler (Not Shown)
4-011105	Lance w/ #3 Hi/Low Varifan Nozzle
4-02010025M	1/4" x 25' Thermoplastic Hose, 22mm both ends

NOTE: See page 40 for more Hobby Hoses

X-Jet Long Range Nozzle



360103

- Projects water and chemical up to 40'
- Chemicals bypass pump, lance, hose and gun for damage protection
- Includes 15' hose with inline shut-off valve and color coded proportioners

Part No.	Description	PSI
360103	X-Jet Long Range Nozzle	2000-3000
360104	X-Jet Long Range Nozzle	3000-4000
360102	M5 X-Jet Variable Fan Long Range Nozzle	2000-3000

Kew Replacement Accessories



Iride Kew Style

- **PSI:** 4000
- **GPM:** 10.5
- **Temperature:** 300°F
- 3/8" F inlet
- Bayonet Quick Coupler Outlet

Part No.	Description
353065	Iride Kew Style
109950	Unitized Valve
109960	Trigger Seal Kit



Bayonet Plug

- 416 Stainless Steel Plug attaches any 1/4" lance to Kew Guns

Part No.	Description
373068	SS Plug
373069	SS Plug w/ set back threads

Replacement Accessories



Astra Style

- **PSI:** 4000
- **Temperature:** 300°F
- M22 - 1 "O" Ring inlet (Standard)
- M22 - 2 "O" Ring outlet (Extended)



Iride Style

Part No.	Description
353070	Astra Style, 10.5 GPM
353075	Iride Style, 8 GPM
Maintenance Kits	
109950	Unitized Valve
109960	Trigger Seal Kit

Tip Retainer

Fits vent grip lance and other nozzles.



Tip Retainer

- 18mm Thread
- Fits vent grip lance & other nozzles
- See tip jet nozzles in nozzle section

Part No.	Description
373065	Tip Retainer



Extended Twist Seal Coupler

- **PSI:** 3600
- **GPM:** 11
- **Temperature:** 300°F
- Double O-ring Seal
- Machined Brass Body
- High Impact Plastic Knob

Part No.	Description
331215	Coupler 1/4" FPT x 22mmF
331315	Plug 1/4" FPT x 22mmM

Tip-Jet Nozzle System



Tip-Jet Tips

- **PSI:** to 4000
- Neat & simple tip change
- Hardened stainless steel tips with vanes
- Strainers available
- Body components available in brass, zinc-plated steel or stainless steel

"Tip-Jet" Nozzle Systems are versatile nozzling systems for everyday or specialized applications.

Nozzle Size	0°	15°	25°	40°
3.0	253316	253317N	253318	—
4.0	253330	253331	253332	253333
4.5	253338	253339	253340	253341
5.0	253346	253348	253349	253350
5.5	253355	253357	253358	253359
6.0	253365	253367	253368	253369

Nozzle Size	0°	15°	25°	40°
6.5	253375	—	253377	253378
7.0	253383	253385	253386	253387
7.5	253392	253393	253394	253395
8.0	253400	253401	253402	253403
9.0	253415	253416	253417	253418
10.0	253456	253457	253458	253459

See page 62 for other Tip-Jet components

LANDA Tuff-Skin™ Hose

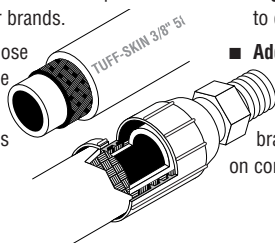
For use with: hot- or cold-water pressure Washer

There is no other high-pressure hose as tough as LANDA's Tuff-Skin™ hose. When tested to ISO 6945 / DIN 20024, the Tuff-Skin has proven to be seven times more abrasion resistant than standard pressure washer hoses yet is 20% more flexible. The Tuff-Skin, with its unique design, has been engineered for a greater continuous temperature range—from -40° to 275°F / 310°F intermittent—and for handling pressures of up to 5800 PSI.

Beside its maximum-strength Class A ORS (Oil Resistance Standard)—most other brands are Class B—the Tuff-Skin has a “bite-the-wire” coupling that grips the hose better than any other design.

Both single- and double-wire braid hoses come with durable plastic sleeves on both ends—a 24-inch sleeve on the gun end—for added operator protection against high-pressure bursts.

- **Greater Oil Resistance:** Both the tube and the cover carry the maximum Class A ORS (Oil Resistance Standard) for longer life. Most brands of hose carry only a Class B rating.
- **Higher Temperature Rating:** Tuff-Skin hoses are rated for continuous temperatures up to 275°F / 310°F intermittent—20-30% higher than other brands.
- **Special Wire Braid:** Unique design of braid gives Tuff-Skin hose added durability, greater working pressure and higher impulse cycle in both the double- and single-wire products.
- **Easily Identified:** Permanently embossed identification makes for easy tracing and owner protection.



- **Certified Burst Protection:** Tuff-Skin meets the stringent UL-1776 safety standards with two hose guards—including a 24-inch sleeve on the gun end—for added operator protection against bursts.
- **Higher Abrasion Resistance:** The Tuff-Skin cover has been specially compounded to deliver 7 times the abrasion resistance of other brands.
- **Additional Flexibility:** Even with extra durability, the braid design allows for 20% more flexibility than other brands.
- **Unique Coupling:** A “bite-the-wire” coupling actually reaches the wire braid for never-slip retention, far superior to the “compression” fittings used on conventional hoses.

Tuff-Skin 2-Wire 6000 PSI Hose



- Wrapped impression, maximum oil resistant tube and cover with red hose guard
- 2-wire protection
- Seven times greater abrasion resistance
- Built to SAE 100R2AT OD dimensions
- 3/8" MPT Swivel x 3/8" MPT Solid



Part No.	Size	Temp	PSI
4-020425	25' x 3/8" ID	275°F	6000
4-020450	50' x 3/8" ID	275°F	6000
4-020475	75' x 3/8" ID	275°F	6000
4-020499	100' x 3/8" ID	275°F	6000
4-0204150	150' x 3/8" ID	275°F	6000
4-02063450	50' x 1/2" ID	275°F	5800
4-02063499	100' x 1/2" ID	275°F	5800
4-020434200*	3/8" (bulk hose)	275°F	5800

*400 feet per reel

Tuff-Skin 1-Wire 3000 PSI Hose



- Wrapped impression, maximum oil resistant tube and cover with black hose guard
- 20% greater flexibility
- Seven times greater abrasion resistance
- Built to SAE 100R1AT OD dimensions
- 3/8" MPT Swivel x 3/8" MPT Solid



Part No.	Size	Temp	PSI
4-020325	25' x 3/8" ID	275°F	3000
4-020350	50' x 3/8" ID	275°F	3000
4-020375	75' x 3/8" ID	275°F	3000
4-020399	100' x 3/8" ID	275°F	3000
4-0203150	150' x 3/8" ID	275°F	3000
4-02053450	50' x 1/2" ID	275°F	3000
4-02053498	100' x 1/2" ID	275°F	3000
4-020334200*	3/8" (bulk hose)	275°F	3000

*500 feet per reel

HOSES & HOSE REELS

3/8" Tuff-Flex 2-Wire 4500 PSI Hose

Tuff-Flex hose has the same durable cover as the Tuff-Skin hose. A smaller OD allows for even greater flexibility.



- Wrapped impression, maximum oil resistant tube and cover
- 50% greater flexibility
- Seven times greater abrasion resistance
- Economically priced
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
4-020725	25' x 3/8" ID	275°F	4500
4-020750	50' x 3/8" ID	275°F	4500
4-020775	75' x 3/8" ID	275°F	4500
4-020799	100' x 3/8" ID	275°F	4500

3/8" Tuff-Flex 1-Wire 3000 PSI Hose

Tuff-Flex hose has the same durable cover as the Tuff-Skin hose. A smaller OD allows for even greater flexibility.



- Wrapped impression, maximum oil resistant tube and cover
- 50% greater flexibility
- Seven times greater abrasion resistance
- Economically priced
- 3/8" MPT Swivel x 3/8" MPT Solid

Part No.	Size	Temp	PSI
4-020625	25' x 3/8" ID	275°F	3000
4-020650	50' x 3/8" ID	275°F	3000
4-020675	75' x 3/8" ID	275°F	3000
4-020699	100' x 3/8" ID	275°F	3000

1/4" Tuff-Flex 1-Wire Hobby Upgrade Hose

Upgrade consumer model replacement hose with a real hose that will last. Same durable "Tuff-Flex" cover on a 1/4" ID hose complete with european fittings.



- Maximum oil resistant tube and cover
- European style fittings
- -40°F to 250/275°F, 300°F intermittent
- Attaches to LANDA ZF unit
- Seven times greater abrasion resistant Tuff-Skin cover.

Part No.	Size	Temp	PSI
4-02011225	25' x 1/4" ID	275°F	3000
4-02011250	50' x 1/4" ID	275°F	3000
4-02011275	75' x 1/4" ID	275°F	3000
4-02011299	100' x 1/4" ID	275°F	3000

Steam Hose

This is a premium grade, heavy-duty 1/2" ID steam hose. High grade ozone and oil resistant cover.



- 250 PSI @ 450°F
- 600 PSI @ 350°F

Part No.	Size	Temp	PSI
4-02228825	25' x 1/2" ID	450°F	250
4-02228850	50' x 1/2" ID	450°F	250
4-02228899	100' x 1/2" ID	450°F	250

Industrial Garden Hose

Built to last, extra-large 3/4" ID Inlet water hose. EPDM cover and tube is perfect for water and provides ozone and heat protection.



- EPDM Tube and Cover
- Class C Oil Resistant
- -40°F to 212°F
- Heavy-Duty, contractor grade
- Crush resistant fittings

Part No.	Size	Temp	PSI
4-02140025	25' x 3/4" ID	212°F	200
4-02140050	50' x 3/4" ID	212°F	200
4-02140075	75' x 3/4" ID	212°F	200
4-02140099	100' x 3/4" ID	212°F	200

Garden Hose - APEX Quality



- Rated for cold water use
- Reinforced hoses for flexibility & strength in all weather
- Assemblies complete with bend restrictor
- 5/8" or larger ID for full flow
- Choice of Commercial or Heavy-duty grade
- Commercial grade has machined octagonal "wrench tight" fittings

Part No.	Size	ID	PSI	Color
121315	50'	5/8"	Com	Gray
121319	100'	5/8"	Com	Gray
121332	50'	5/8"	HD	Lt. Green
121336	100'	5/8"	HD	Lt. Green

All Rubber Reinforced Hot Water (160°F) Hose

Part No.	Size	ID	PSI	Color
121344	50'	5/8"	Com	Red
121348	50'	3/4"	Com	Red

Sandblast Hose



Heavy-duty spiralite hose available preassembled or by the foot.

- 3/4" spiralite sand hose with air hose locking couplers
- -30°F to 130°F

Part No.	Size: ID	Temp	Description
4-02190000	3/4"	130°F	Sand, Spiralite /ft
4-02199925	3/4" x 25'	130°F	Assy, Sand, Spiralite 25'
4-02199940	3/4" x 40'	130°F	Assy, Sand, Spiralite 40'

Float Tank Inlet Hose



Float tank connection hoses are completely assembled and ready to go. Don't see the size you need? Call us for special orders.



- Pre-made hose with special float fitting already installed
- 3/8" ID Push-on hose
- -40°F to 212°F

Part No.	Size	Temp	PSI
4-02100008	8"	212°F	300
4-02100009	11"	212°F	300
4-02100013	13"	212°F	300
4-02100030	30"	212°F	300
4-02100045	45"	212°F	300
2-30140	Connector, Fluidmaster Ball Cock		

Push-On Hose



This is a fabric braid hose with a Nitrile cover and tube. Easily pushes on to hose barb fitting and good up to 300 PSI.



- Fabric braid
- Nitrile cover
- -40°F to 212°F

Part No.	Size	Temp	PSI
4-02100000	1/4" ID	212°F	300
4-02110000	1/2" ID	212°F	300
4-02120000	3/4" ID	212°F	300

Vinyl Tubing



This 1/4" x 1/2" clear vinyl tubing is heavier duty than the rest! Thick wall resists kinking. Available in clear or clear reinforced with a polyester braid.



- Very flexible
- Available by the foot or 100' rolls

Part No.	Size: ID x OD	PSI	Description
4-02080000	1/4" x 1/2"	50	Clear Vinyl /ft
4-02090000	1/4" x 1/2"	250	Braided Vinyl /ft

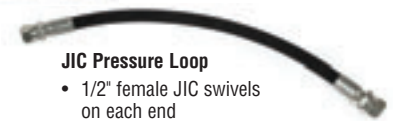
1/4", 3/8" & 1/2" 2-Wire Pressure Loop

The 1/4" ID pressure lines swivel at both ends for most any application. The 3/8" ID pressure loops have female JIC on both ends for typical unloader connection hose.



1/4" ID Pressure Line

- 1/4" MPT swivel x 1/4" MPT swivel
- 1/4" ID two-wire 5000 PSI
- Any length available



JIC Pressure Loop

- 1/2" female JIC swivels on each end
- 3/8" ID two-wire 4500 PSI
- Any length available

Part No.	Size	Temp	PSI	Description
4-02021216	16" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021220	20" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021226	26" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021228	28" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021230	30" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021236	36" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02021242	42" x 1/4" ID	275°F	5000	1/4" Pressure Line
4-02047716	16" x 3/8" ID	275°F	4500	Pressure Loop
4-02047720	20" x 3/8" ID	275°F	4500	Pressure Loop
4-02047722	22" x 3/8" ID	275°F	4500	Pressure Loop
4-02047725	25" x 3/8" ID	275°F	4500	Pressure Loop
4-02047729	29" x 3/8" ID	275°F	4500	Pressure Loop
4-02047736	36" x 3/8" ID	275°F	4500	Pressure Loop
4-02047738	38" x 3/8" ID	275°F	4500	Pressure Loop
4-02047742	42" x 3/8" ID	275°F	4500	Pressure Loop
4-02067720	20" x 1/2" ID	275°F	4500	Pressure Loop
4-02067722	22" x 1/2" ID	275°F	4500	Pressure Loop
4-02067728	28" x 1/2" ID	275°F	4500	Pressure Loop
4-02067746	46" x 1/2" ID	275°F	4500	Pressure Loop
4-02067770	70" x 1/2" ID	275°F	4500	Pressure Loop

Pulse Hose



- 1300 PSI working pressure
- Available with either plug-end or open flow with solid/swivel connects
- 3/8" MPT on both styles

Part No.	Description
381118	18" with Plug End
381124	24" with Plug End
381128	28" Solid/Swivel - Open
381136	36" Solid/Swivel - Open

Crimp Fittings

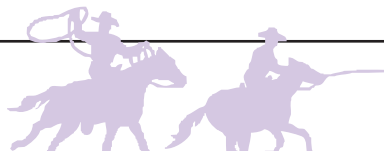
Crimp fittings for creating your own specialty hoses. **Warning:** Use of proper crimp specifications is critical. Crimp specifications differ for hoses and/or crimpers. **Always crimp to proper specifications.** Call for proper specifications.



- For replacement on all Tuff-Skin hose
- Fit most hoses (call for proper crimp specs)
- Zinc plated
- Many sizes available

Part No.	Description
2-021002	3/8" Female JIC Swivel x 3/8"
2-02101	3/8" Male Swivel x 3/8"
2-02102	3/8" Male Solid x 3/8"
2-021041	3/8" Female Solid x 3/8"

Rawhide Hose



Superior abrasion-resistant cover hose for use with: hot- or cold-water pressure Washer

All standard RAWHIDE assemblies include:

- 1 solid end and 1 swivel end
- 6" molded vinyl, color coded bend restrictors (both ends)
- Durable wrapped finish outer cover
- Superior flexibility
- Beefed up high tensile steel wire braid for full 4:1 burst factor
- Smooth bore Synthetic Rubber inner core for greater life and minimal pressure loss
- Temperature up to 250°F



Rawhide 1-Wire 3000 PSI Black Hose

Part No.	Size	Temp	PSI	Approx Wt - lbs
3/8" Black Hose				
158265	25' x 3/8" ID	250°F	3000	6.00
158270	30' x 3/8" ID	250°F	3000	7.00
158275	40' x 3/8" ID	250°F	3000	10.00
158280	50' x 3/8" ID	250°F	3000	12.00
158285	75' x 3/8" ID	250°F	3000	17.00
158290	100' x 3/8" ID	250°F	3000	23.00
158295	150' x 3/8" ID	250°F	3000	34.00
158200*	500' x 3/8" ID	250°F	3000	

1/4" Black Hose

158165	25' x 1/4" ID	250°F	3000	4.00
158180	50' x 1/4" ID	250°F	3000	8.00
158185	75' x 1/4" ID	250°F	3000	12.00
158190	100' x 1/4" ID	250°F	3000	16.00
158195	150' x 1/4" ID	250°F	3000	24.00
158100*	500' x 1/4" ID	250°F	3000	

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

Rawhide 1-Wire 3000 PSI Blue & Yellow Non-Marking Hose

ANIMAL FAT RESISTANT

Part No.	Size	Temp	PSI	Approx Wt - lbs
3/8" Yellow Hose				
158980	50' x 3/8" ID	250°F	3000	12.00
158985	75' x 3/8" ID	250°F	3000	17.00
158990	100' x 3/8" ID	250°F	3000	23.00
158900*	500' x 3/8" ID	250°F	3000	

3/8" Blue Hose

158780	50' x 3/8" ID	250°F	3000	12.00
158785	75' x 3/8" ID	250°F	3000	17.00
158790	100' x 3/8" ID	250°F	3000	23.00
158795	150' x 3/8" ID	250°F	3000	34.00
158700*	500' x 3/8" ID	250°F	3000	

1/4" Blue Hose

158880	50' x 1/4" ID	250°F	3000	8.00
158890	100' x 1/4" ID	250°F	3000	16.00
158800*	500' x 1/4" ID	250°F	3000	

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

Rawhide 2-Wire 5000 PSI & 6000 PSI Black 3/8" Hose

- Durable wrapped finish outer cover
- Full 4:1 safety factor



5000 PSI Hose

Part No.	Size	Temp	PSI	Approx Wt - lbs
3/8" Black Hose				
159565	25' x 3/8" ID	250°F	5000	9.00
159580	50' x 3/8" ID	250°F	5000	17.00
159585	75' x 3/8" ID	250°F	5000	25.00
159590	100' x 3/8" ID	250°F	5000	33.00
159595	150' x 3/8" ID	250°F	5000	48.00
159500*	500' x 3/8" ID	250°F	5000	

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

6000 PSI Hose

Part No.	Size	Temp	PSI	Approx Wt - lbs
3/8" Black Hose				
159305	25' x 3/8" ID	250°F	6000	9.0
159310	50' x 3/8" ID	250°F	6000	17.0
159315	75' x 3/8" ID	250°F	6000	25.0
159320	100' x 3/8" ID	250°F	6000	33.0
159325	150' x 3/8" ID	250°F	6000	48.0
159300*	500' x 3/8" ID	250°F	6000	

*500 ft reel, 50 ft incremental lengths (max 3 pieces)

Apex 3000 PSI Hose & Ultima 4500 PSI Hose

Smooth cover hose for use with: hot- or cold-water pressure washers

All standard Apex and Ultima assemblies include:

- 1 solid end and 1 swivel end
- 6" molded vinyl, black bend restrictors (both ends)
- Smooth outer cover
- Apex 3000 PSI single high tensile steel wire braid
- Ultima 4500 PSI double wire braid high tensile steel
- Seamless inner tube
- Deluxe hose available with quick connects
- Temperature up to 250°F



Apex 3000 1-Wire 3000 PSI Hose

Part No.	Size	Approx Wt - lbs
3/8" Black Hose		
153550	15' x 3/8" ID	5.0
153555	25' x 3/8" ID	7.0
153560	30' x 3/8" ID	9.0
153565	40' x 3/8" ID	11.0
153570	50' x 3/8" ID	13.0
153575	75' x 3/8" ID	19.0
153590	100' x 3/8" ID	25.0
153595	150' x 3/8" ID	37.0
153000*	Full Reel	

1/2" Black Hose

155425	25' x 1/2" ID	7.50
155450	50' x 1/2" ID	14.00
155475	75' x 1/2" ID	21.00
155499	100' x 1/2" ID	27.00
155400*	Full Reel	

*Full Reel – 500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

1/4" Black Hose

151025	25' x 1/4" ID	5.00
151030	30' x 1/4" ID	6.00
151050	50' x 1/4" ID	10.00
151075	75' x 1/4" ID	15.00
151090	100' x 1/4" ID	20.00
151000*	Full Reel	

*Full Reel – 700 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

Part No.	Custom Lengths
----------	----------------

3/8" Hose

153000	per ft / hose only
150232*	add fitting(s) and bend restrictor
150205*	add fitting(s) only

1/2" Hose

155400	per ft / hose only
150220*	add fitting(s) and bend restrictor
150222*	add fitting(s) only

1/4" Hose

151000	per ft / hose only
150210*	add fitting(s) and bend restrictor
150212*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 1 solid, 1 swivel)

Ultima 4500 2-Wire 4500 PSI

Part No.	Size	Approx Wt - lbs
3/8" Black Hose		
154215	15' x 3/8" ID	5.75
154225	25' x 3/8" ID	8.00
154250	50' x 3/8" ID	15.00
154275	75' x 3/8" ID	22.00
154290	100' x 3/8" ID	28.00
154294	150' x 3/8" ID	42.00
154000*	Full Reel	
1/2" Black Hose		
155725	25' x 1/2" ID	9.25
155750	50' x 1/2" ID	18.00
155775	75' x 1/2" ID	26.80
155790	100' x 1/2" ID	35.50
155700**	Full Reel	

*Full Reel – 500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

**Full Reel – 330 ft per reel, hose only (max 3 pieces)

Part No.	Custom Lengths
----------	----------------

3/8" Hose

154000	per ft / hose only
150204*	add fitting(s) and bend restrictor
150202*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 1 solid, 1 swivel)

1/2" Hose

155700	per ft / hose only
150224*	add fitting(s) and bend restrictor
150222*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 1 solid MPT, 1 swivel MPT)

3/8" Blue Non-Marking Hose

Fat & Oil Resistant

Part No.	Size	Approx Wt - lbs
3/8" Blue Hose		
154410	25' x 3/8" ID	8.00
154415	50' x 3/8" ID	15.00
154420	75' x 3/8" ID	22.00
154425	100' x 3/8" ID	28.00
154400*	Full Reel	

*500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

Part No.	Custom Lengths
----------	----------------

154400	per ft / hose only
150204*	add fitting(s) and bend restrictor
150202*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 1 solid, 1 swivel)

HOSE & HOSE REELS

Hobby Hose

Replacement hose for most hobby pressure Washer sold by mass retailers.



- Thermoplastic cover
- Fiber-braid reinforcement
- 2250 PSI working pressure
- 9000 PSI burst pressure
- M22 x 1.5 fitting inlet
- 14mm seal cone fits Karcher, Generac & Excell
- 15mm seal cone fits Campbell, MI-T-M

Part No.	Seal Cone	ID	Length
150245	14mm	1/4"	25 ft
150246	15mm	1/4"	25 ft
4-02010025M*	22mm	1/4"	25 ft

NOTE: See Hobby Gun and Lance on page 33.

*Both Ends

Whitewater® Combination Steam Hose



Good up to 3000 PSI / 250°F or 350 PSI / 325°F (1/2" hose 2500 PSI max).



- Single high-tensile steel wire braid
- High temperature bend restrictors – both ends
- Seamless innertube
- Solid 3/8" or 1/2" MPT connectors – both ends (Swivel ends NOT available)
- Oil-resistant cover

Part No.	Size	PSI
----------	------	-----

3/8" Hose

153930	30'	up to 3000
153950	50'	up to 3000
153925	25'	up to 3000
153975	75'	up to 3000
153990	100'	up to 3000
153900*	Full Reel	

1/2" Hose

155625	25'	up to 2500
155650	50'	up to 2500
155675	75'	up to 2500
155690	100'	up to 2500
155600*	Full Reel	

*500 ft per reel, hose only, 50 ft incremental lengths (max 3 pieces)

Part No.	Custom Lengths
----------	----------------

3/8" Hose

153900	per ft / hose only
150215*	add fitting(s) and bend restrictor
150216*	add fitting(s) only

1/2" Hose

155600	per ft / hose only
150230*	add fitting(s) and bend restrictor
150228*	add fitting(s) only

*Assembly – Add to cost of custom length (labor & fittings - 2 solid MPT)

Orange 600 & Ribbed PVC Sprayer Hose



Braid reinforced PVC hose designed specifically for AG/ Pest control spraying applications.



- Tough Ribbed Cover
- Color - Orange
- 600 PSI max pressure
- Bulk Hose Standard in 300' Single Length Coils
- Resists Abrasion and UV Rays

Part No.	Length
----------	--------

3/8" Hose - Orange

150630	300' Coil (Single, Uncut Length)
150634	50' Length (Bulk)
150636	100' Length (Bulk)
150632	Per Foot (Minimum 25')

1/2" Hose - Orange

150601	300' Coil (Single, Uncut Length)
150603	50' Length
150606	100' Length
150602	Per Foot (Minimum 25')

3/4" Hose - Orange

150660	300' Coil (Single, Uncut Length)
150662	Per Foot (Minimum 25')

NOTE: All Above Hoses Can Be Custom Fitted – with MPT Fittings, Male or Female Garden Hose Solid or Swivel Fittings, with or without Bend Restrictors, etc. Combinations Are Too Numerous To List – CALL FOR CUSTOM ASSEMBLY PRICING!

Hose Bend Restrictors



- Top quality molded fit bend restrictors
- Fits snugly to prevent kinks near the connectors
- Used on Victor hose assemblies
- Non-slip sure fit
- Easy installation, 325°F

Part No.	Size	Hose Size/Type	Color/Material
150166	5.3"	1/4" 1 wire	Black Vinyl
150161	6.0"	3/8" 1 wire	Black Vinyl
150164	6.0"	3/8" 2 wire	Red Vinyl
150170	7.0"	1/2" 1 wire	Black Vinyl
150168	7.0"	1/2" 2 wire	Red Vinyl
150174	6.5"	3/8" Combo	Gray Vinyl
150172*	6.5"	1/2" Combo	Black Rubber

*Insulated Rubber

Connector Hose - 2' - 10'



Connector hose come with 1 solid / 1 swivel end. NOTE: Add suffix "B" to include 6" bend restrictor.

Part No.	Lengths	Part No.	Lengths
3/8" Ultima - 2 wire 4500 PSI			
154102	2'	154107	7'
154103	3'	154108	8'
154104	4'	154109	9'
154105	5'	154110	10'
154106	6'		

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
3/8" Apex 3000 - 1 wire 3000 PSI			
153002	2'	153007	7'
153003	3'	153008	8'
153004	4'	153009	9'
153005	5'	153010	10'
153006	6'		

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
1/2" Ultima 4500 - 2 wire 4500 PSI			
155702	2'	155707	7'
155703	3'	155708	8'
155704	4'	155709	9'
155705	5'	155710	10'
155706	6'		

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
1/4" Apex 3000 - 1 wire 3000 PSI			
151002	2'	151007	7'
151003	3'	151008	8'
151004	4'	151009	9'
151005	5'	151010	10'
151006	6'		

NOTE: Add suffix "B" to include Bend Restrictors

Connector Hose / Carwash Bay Hose - 12' - 25'



All Carwash Bay hose come with Solid Male Pipe on both ends. Add suffix "B" to include bend restrictors on one end. See other options at the bottom of this page.

Part No.	Lengths	Part No.	Lengths
3/8" Apex 3000 - 1 wire 3000 PSI			
261212	12'	261219	19'
261213	13'	261220	20'
261214	14'	261221	21'
261215	15'	261222	22'
261216	16'	261223	23'
261217	17'	261224	24'
261218	18'	261225	25'

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
1/4" Apex 3000 - 1 wire 3000 PSI			
261112	12'	261119	19'
261113	13'	261120	20'
261114	14'	261121	21'
261115	15'	261122	22'
261116	16'	261123	23'
261117	17'	261124	24'
261118	18'	261125	25'

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
3/8" Blue - 1 wire 3000 PSI			
261312	12'	261319	19'
261313	13'	261320	20'
261314	14'	261321	21'
261315	15'	261322	22'
261316	16'	261323	23'
261317	17'	261324	24'
261318	18'	261325	25'

NOTE: Add suffix "B" to include Bend Restrictors

Part No.	Lengths	Part No.	Lengths
1/4" Blue - 1 wire 3000 PSI			
261362	12'	261369	19'
261363	13'	261370	20'
261364	14'	261371	21'
261365	15'	261372	22'
261366	16'	261373	23'
261367	17'	261374	24'
261368	18'	261375	25'

NOTE: Add suffix "B" to include Bend Restrictors

The “Engineered” Reusable Couplings

Design and Build Your Own Hose or Adapt and Repair Hose in the Field (No Crimper Required)



Reusable Couplings for 1 Wire Braid Hose

Part No.	ID x MPT	Type
150502	1/4" x 1/4"	Solid
150505	1/4" x 1/4"	Swivel
150510	3/8" x 1/4"	Solid
150511	3/8" x 3/8"	Solid
150513	3/8" x 3/8"	Swivel
150515	1/2" x 3/8"	Solid
150516	1/2" x 1/2"	Solid
150518	1/2" x 1/2"	Swivel

Reusable Couplings for 2 Wire Braid Hose

Part No.	ID x MPT	Type
150532	1/4" x 1/4"	Solid
150535	1/4" x 1/4"	Swivel
150540	3/8" x 1/4"	Solid
150541	3/8" x 3/8"	Solid
150543	3/8" x 3/8"	Swivel
150546	1/2" x 1/2"	Solid
150548	1/2" x 1/2"	Swivel

Clear PVC Tubing



- “Box Pak” 100 ft
- 25°F to 150°F
- Very flexible – Non-reinforced
- Packaged in self-dispensing box

Part No.	ID	OD	WP @70°	Roll Length
4-02080000	1/4"	1/2"	100	Sold by the Foot, Specify Length
121070	1/4"	3/8"	55	Box of 100'
121106	1/2"	5/8"	30	Box of 100'

Flex Line Bypass / Supply Line Hose

Industrial PVC hose with black seamless inner tube, polyester braid reinforced tough outer cover. Excellent for use as supply lines or bypass lines. Typically used for air hoses.



- Looks & feels like rubber
- Smooth dirt- & oil-resistant finish
- Super flexible
- Abrasion-resistant cover
- Burst-rated 3 times WP

Part No.	ID x OD	WP @ 70°	Roll Length
Red Cover, heavy wall			
121081	3/8" x .634"	300	50'
121083	3/8" x .634"	300	500'
121087	1/2" x .792"	250	50'
121089	1/2" x .792"	250	500'
121097	3/4" x 1.14"	160	50'
121099	3/4" x 1.14"	160	300'
Black Cover, standard wall			
121143	1/4" x .475"	250	300'
121147	3/8" x .614"	250	100'
121148	3/8" x .614"	250	300'
121153	1/2" x .752"	250	300'
Blue Cover, standard wall			
121160	1/4" x .475"	250	100'
121165	3/8" x .614"	250	100'
121166	3/8" x .614"	250	300'

Clear Vinyl Tubing



- Also sold in Box of 100 ft
- 25°F to 150°F
- Very flexible – Non-reinforced
- Packaged in self-dispensing box

Part No.	ID	OD	WP @70°	Roll Length
4-02080000	1/4"	1/2"	100	Sold by the Foot, Specify Length

Clear Reinforced PVC Tubing

Multi-use industrial grade tubing with high resistance to chemicals, solvents & fuel.



- Reinforced with polyester cord
- Huge selection of sizes and lengths
- 4 to 1 Burst Safety Factor

Part No.	ID x OD	WP @ 70°	Roll Length
121031	1/4" x 3/8"	25	250'
121032	1/4" x 3/8"	50	250'
121033	1/4" x 3/8"	100	250'
121034	1/4" x 3/8"	300	250'
4-02080000	1/4" x 1/2"		Sold by Foot
121036	3/8" x 1/2"	25	175'
121037	3/8" x 1/2"	50	175'
121038	3/8" x 1/2"	100	175'
121039	3/8" x 1/2"	300	175'
121041	1/2" x 3/4"	25	175'
121042	1/2" x 3/4"	50	175'
121043	1/2" x 3/4"	100	175'
121044	1/2" x 3/4"	300	175'
121046	5/8" x 7/8"	25	140'
121047	5/8" x 7/8"	50	140'
121048	5/8" x 7/8"	100	140'
121049	5/8" x 7/8"	300	140'
121051	3/4" x 1"	25	140'
121052	3/4" x 1"	50	140'
121053	3/4" x 1"	100	140'
121054	3/4" x 1"	300	140'
121059	1" x 1-1/4"	25	75'
121060	1" x 1-1/4"	50	75'
121061	1" x 1-1/4"	100	75'
121063	1" x 1-1/4"	200	75'

Revolutionary 360° Swivel Design

The Rapid Reel Pivot Reel takes the muscle and pain out of fighting high-pressure hoses and keeps them safely stored away from traffic. Featuring a sturdy, lockable, 360° swivel design, the Pivot Reel is always aligned with the hose for tangle-free pressure washing.

The Pivot Reel offers two types of hose reels: pivot and standard (non-pivot).

All are rated at 5000 PSI and 325°F to meet maximum limits of standard 3/8" pressure Washer. Reels carry a two-year warranty.

Pivot Reels have a number of distinctive features, including stainless steel rotor and dual seal swivel, "flip-over" hose guide, spring-action pin to prevent slippage when winding hose and easy-to-engage cam-lever brake.



- **Pivot Design:** Engineered to keep the reel constantly in alignment with the hose for tangle-free washing.
- **Swivel Action:** Designed specifically for pressure Washer with stainless steel rotor and dual seals backed by two-year leak-free guarantee.
- **'Flip-Over' Hose Guide:** For ease in winding and unwinding as well as keeps hands clean and injury free.
- **Slip Protection:** Spring-action, stainless steel pin is quickly engaged or disengaged to prevent slippage during reel operation.
- **Cam-Lever Brake:** Made of durable components, turns on and off with the flick of a finger.
- **Hose Attachment:** Innovative design protects hose from hard pulls so that the strain is absorbed by a cushioned hose clamp.



360° Pivot Reel

Features a sturdy, lockable 360° pivot design. Numerous mounting options. These patented pivot reels are always aligned with the hose for tangle-free pressure washing. Rated at 5000 PSI and 325°F.



Part No.	Length
4-02751030	100' x 3/8"
4-02752030	200' x 3/8"

NOTE: Hose not included

Pivot Mounting Brackets

Select one of the pivot reels above and simply bolt it to any of these brackets or kits.



4-02751031



4-02751036



4-02751032

Part No.	Description
4-02751036	Pivot Reel Wall Mount
4-02751032**	Universal Bracket mount
4-02751031	PHW, OHW, HOT

*Wall stud plate is drilled for 16", 20" and 24" studs. Wall mount bracket is needed for installation with this.

**Universal bracket mounts to any round pipe, square tube or angle iron up to 1-1/2" in size.



HOSE & HOSE REELS

Non-Pivot Hose Reels

Versatile line for high-pressure hose. Numerous mounting options. High-pressure reels carry a 2-year warranty and are rated at 5000 PSI and 325°F.



Front View



Non-pivot reels are designed to be bolted to one of the mounting brackets listed under "Non-Pivot Mounting Brackets".

Part No.	Length
4-02751025	100' x 3/8"
4-02751026	200' x 3/8"

NOTE: Hose not included

Non-Pivot Mounting Brackets

Select one of the non-pivot reels and simply bolt it to any of these brackets or kits.



Part No.	Description
4-02751041	Base Mount, Non-Pivot Reel, Wall or Flatbed
4-02751060	Support Arm, 45°, Non-Pivot Reel
4-02751044	Support Arm, 90°, Non-Pivot Reel
4-02751043	Vertical Support Arm, Non-Pivot Reel

Rapid Reel Swivels

Rapid Reel's very own swivel is designed specifically for pressure Washer and is the ONLY swivel guaranteed not to leak for 2 years! A stainless rotor and unique dual seal deliver extra long life.



- 5000 PSI
- Stainless steel rotor
- Unique dual seal for extra long life
- 2 year warranty

Part No.	Description	PSI
4-02751028	Rapid Reel Swivel, 1/2" FPT x 3/8" FPT	5000
4-02751029	Rapid Reel Swivel Repair Kit	

Cox Hose Reels



Cox reels offer high performance in a very compact and lightweight hand crank hose reel. Perfect for mobile application and permanent floor and wall mount.



4-02750001



4-02750003

- Rated up to 4000 PSI
- -20°F to 225°F
- Adjustable drag brake
- 90° brass swivel

Part No.	Description	PSI
4-02750001	175' x 3/8"	3000
4-02750002	50' x 3/8"	4000
4-02750003	100' x 3/8"	4000
4-02750004	100' x 1.5"	600
4-02750008	100' x 1"	300
95-07121213	Mounting Bracket, Horizontal Coil Machines	
4-020362	Replacement Swivel, 1/2"	
4-020363	Replacement Swivel, 3/8"	
4-020368	Swivel Repair Kit	
4-020369	Handle Replacement	
4-020366	Locking Pin Assy	

AP Hose Reels



AP hose reels have been designed to perfectly balance ruggedness and durability with affordability.



Swivel Repair Kits

Part No.

4-0203611

Replacement Swivels

See pages 49-50



Swivel Repair Kits

Part No. Hose Dia.

075130 3/8"

075128 1/2"

110025*

*For Round Swivels

Replacement Swivels

See pages 49-50

- Flared flanges for maximum capacity
- Solid center core for maximum strength
- Rolled beaded edge flanges for maximum safety
- Easy mounting options for maximum versatility
- "Posi-Pin" lock, prevents unwanted dereeling
- Heavy-duty powder coated steel
- Easy access external swivel
- 4000 PSI working pressure
- Rated temp: 225°F
- 3/8" or 1/2" Inlet/Outlet

Part No.	Hose Dia	Capacity	Core Width	Flange Width	Flange Dia	Overall Height
386188	3/8"	50'	4.3"	7.9"	10.5"	13.0"
4-02755030	3/8"	100'	8.7"	12.2"	10.5"	13.0"
386206	3/8"	150'	6.3"	10.2"	13.0"	16.7"
386209	1/2"	100'	6.3"	10.2"	13.0"	16.7"

NOTE: Hose is not included. See page 41 for connector hoses.

- Super-reinforced core – Won't collapse!
- Adjustable brake for controlled reel tension
- Convenient external swivel
- Manual rewind handle included
- Solid core bolts onto flanges for extra strength
- 225°F
- Snap lock to prevent accidental dereeling
- Bearings have oil cap for easy field maintenance
- 4000 PSI working pressure

Professional Size Reel

Part No.	Hose Dia	Capacity	Reel Size Width	Reel Size Dia
386174	3/8"	150'	6"	18"
386175	3/8"	300'	10"	18"
386176	3/8"	350'	14"	18"
386181	1/2"	200'	10"	18"
386182	1/2"	270'	14"	18"

NOTE: Hose is not included. Interchangeable parts available. Call for pricing. See page 41 for connector hoses.

Space Saver Reel

Part No.	Hose Dia	Capacity	Reel Size Width	Reel Size Dia
386171	3/8"	90'	6"	14"
386172	3/8"	140'	10"	14"
386173	3/8"	200'	14"	14"
386178	1/2"	115'	10"	14"
386179	1/2"	150'	14"	14"

NOTE: Hose is not included. Interchangeable parts available. Call for pricing. See page 41 for connector hoses.

Quick Couplers



- Precision brass design
- Unrestricted free flow
- 4000 PSI max



- Zinc plated
- Hardened steel
- 4000 PSI max



- Chemical resistant
- 303 stainless steel
- 4000 PSI max



- Chemical resistant
- 303 stainless steel
- 4000 PSI max

Brass Couplers, designed for 4,000 PSI and extended durability. Affordable and rugged all in one.

Part No.	Description
2-2000	1/4" FPT
2-2002	3/8" FPT
2-20180	1/2" FPT

Part No.	Description
2-2001	1/4" MPT
2-2003	3/8" MPT
2-20181	1/2" MPT

Steel Nipples, hardened steel combined with zinc yellow chromate plating holds up to the harshest environments.

Part No.	Description
2-2004	1/4" FPT
2-20040	1/4" x 1/8" FPT
2-2006	3/8" FPT
2-2018	1/2" FPT

Part No.	Description
2-2005	1/4" MPT
2-2007	3/8" MPT
2-2017	1/2" MPT

Stainless Steel Couplers, made of 303 stainless steel, these are "built to last".

Part No.	Description
2-2000SS	1/4" FPT
2-2002SS	3/8" FPT

Part No.	Description
2-2001SS	1/4" MPT
2-2003SS	3/8" MPT

Stainless Steel Nipples, provide extra long life and protection against corrosion.

Part No.	Description
2-20041	1/4" FPT
2-20061	3/8" FPT

Part No.	Description
2-20051	1/4" MPT
2-20071	3/8" MPT

Parker Quick Couplers



- Best name in the industry
- High quality brass construction
- 3500 PSI



- Prevents accidental disconnecting
- Reduces liability
- 3500 PSI



- Hardened steel
- Zinc plated
- The industry leader
- 3500 PSI

Parker Brass Couplers are built to stringent standards to provide a durable, safe connection.

Part No.	Description
2-2000P	1/4" FPT
2-2002P	3/8" FPT

Part No.	Description
2-2001P	1/4" MPT
2-2003P	3/8" MPT

Parker Safety Lock Couplers provide maximum safety and eliminates accidental disconnection.

Part No.	Description
2-20000	1/4" FPT
2-20020	3/8" FPT

Part No.	Description
2-20010	1/4" MPT
2-20030	3/8" MPT

Parker Steel Quick Coupler Nipples, are hardened and zinc plated to provide superior durability.

Part No.	Description
2-2004P	1/4" FPT
2-2006P	3/8" FPT

Part No.	Description
2-2005P	1/4" MPT
2-2007P	3/8" MPT

AP Quick Couplers



AP Brass Couplers give Premium Performance with Economy Price. AP Quick Connect Couplings are machined from top grade materials to the same exacting specifications as the high cost performance leaders. We have gone a step further to ensure that AP Quick Couplers can withstand high temperature, high pressure and aggressive chemicals by including Viton O-Rings as standard.

Compare the performance-Compare the price!

Part No. - MPT	Part No. - FPT	Description
331015V	331016V	1/4" Socket, Brass Coupler
331020V	331021V	3/8" Socket, Brass Coupler
331115V	331116V	1/4" Plugs, Steel, Zinc-plated
331120V	331121V	3/8" Plugs, Steel, Zinc-plated

O-Rings



O-Rings for AP, Hansen, Foster, Parker, and other quick-coupler brands. Buna to 210°F, HNBR, EPDM to 280°F and Viton to 300°F and aggressive chemicals.

Part No.	Description	Part No.	Description
075033	1/8" QC EPDM	075034	1/4" QC Buna
2-01193	1/4" QC EPDM	075036	3/8" QC Buna
2-01213	3/8" QC EPDM	075038	1/2" QC Buna
0RE114	1/2" QC EPDM	075042	1/4" QC Viton
2-0119	1/4" QC HNBR	2-011900	3/8" QC Viton
2-0121	3/8" QC HNBR	2-012100	1/2" QC Viton

Hansen Quick Connective Couplers



- Precision performance
- Unrestricted bore for free flow
- Resists plug deformation when pressure spikes occur and withstands pump pulse

Built by the company that invented Quick Connective Couplers in 1915. Designed and built to perform even in the toughest pressure washing applications.

Part No. - MPT	Part No. - FPT	Description
331010	331011	1/8" Brass Coupler Socket
331015	331016	1/4" Brass Coupler Socket
331020	331021	3/8" Brass Coupler Socket
331025	331026	1/2" Brass Coupler Socket
331045	331044	3/4" Brass Coupler Socket
331012		1/8" SS Coupler Socket
	331017	1/4" SS Coupler Socket
	331413	3/8" SS Coupler Socket
	331031	1/2" SS Coupler Socket
331110	331111	1/8" Plugs, Steel, Zinc-plated
331115		1/4" Plugs, Steel, Zinc-plated
	331116	1/4" Plugs, Steel, Zinc-plated
331120		3/8" Plugs, Steel, Zinc-plated
	331121	3/8" Plugs, Steel, Zinc-plated
331125		1/2" Plugs, Steel, Zinc-plated
	331126	1/2" Plugs, Steel, Zinc-plated
331127		3/4" Plugs, Steel, Zinc-plated
	331144	3/4" Plugs, Steel, Zinc-plated
331117		1/4" Plugs, Hardened SS
	331118	1/4" Plugs, Hardened SS
331122		3/8" Plugs, Hardened SS
	331123	3/8" Plugs, Hardened SS
331112		1/2" Plugs, Hardened SS
	331113	1/2" Plugs, Hardened SS

Pressure Rating Service

Series	w/Steel Plug PSI	w/Brass Plug PSI	w/Stainless Steel PSI
1/8"	2,600	2,500	4,200
1/4"	5,500	5,200	6,700
3/8"	3,500	2,700	5,500
1/2"	2,700	2,200	3,000
3/4"	1,700	1,700	1,700

Twist Seal Couplers

Allows U.S. Standard Hoses to Connect to European (22mm) Fittings.

- Internal O-ring seal
- Machined brass body
- High-impact plastic knob
- 7.8 GPM
- 3600 PSI
- 302°F



Part No.	Description
2-2110	1/4" FPT
2-2113	3/8" FPT
2-21100	1/4" MPT
2-21131	3/8" MPT

Plugs are made of heavy-duty machined brass for a safe and leak free connection.



Part No.	Description
2-2112	1/4" FPT
2-2114	3/8" FPT
2-2116	1/4" MPT
2-2115	3/8" MPT

O-rings, viton

Part No.	Description
109286	O-rings (Viton)

Double Quality Twist Seal Couplers



Couples U.S. Standard Pipe Threads to 22mm European Fittings Found on Imported Pressure Washer.

- Internal O-ring with back ring seal assures no-leak operation
- Oversized high-impact plastic knob
- Machined brass body
- 7.8 GPM
- 4000
- 302°F
- 3.9 to 4.2 oz weight



Sockets

Part No.	Description
331205PA	1/4" FPT
331207PA	3/8" FPT
331209PA	1/2" FPT
331204PA	1/4" MPT
331206PA	3/8" MPT
331208PA	1/2" MPT



Plugs

Part No.	Description
331305PA	1/4" FPT
331307PA	3/8" FPT
331309PA	1/2" FPT
331304PA	1/4" MPT
331306PA	3/8" MPT
331308PA	1/2" MPT



O-rings

Part No.	Description
109286	O-rings (Viton)
109287	Back Ring

11,000 PSI Quick Couplers

Snaptite Quick Sockets and Plugs are precision built for extreme high pressure.

- 11,000 PSI max
- -40°F to 250°F
- Must be used with 11,000 PSI socket or plug
- Zinc Chromate
- Used on equipment of 4000 PSI and above



Part No.	Description
2-20023	1/4" FPT Socket
2-200231	1/4" MPT Socket
2-20021	3/8" FPT Socket
2-20024	1/4" FPT Plug
2-20028	1/4" MPT Plug
2-20022	3/8" FPT Plug
2-20027	3/8" MPT Plug

Replacement "U" Packing Seals

2-0132	1/4" Snaptite
2-01321	3/8" Snaptite

Double Shut-Off Couplers & Plugs



331501

331401

- Quick disconnect without drips and leaks
- Indispensable for in-plant multiple station systems
- Machined construction brass, zinc plated steel or stainless steel

Part No.	Description	PSI
331401	1/8" FPT Socket (Brass)	3000
331405	1/4" FPT Socket (Brass)	2700
331406	3/8" FPT Socket (Stl Zinc)	3700
331407	3/8" FPT Socket (Brass)	2200
331408	1/2" FPT Socket (Brass)	2250
331409	1/2" FPT Socket (SS)	4250
331410	3/4" FPT Socket (Brass)	2000
331501	1/8" FPT Plugs (Brass)	3000
331505	1/4" FPT Plugs (Brass)	2700
331507	3/8" FPT Plugs (Brass)	2200
331508	1/2" FPT Plugs (Brass)	2250



- Nitrile up to 210°F
- Use Viton for 230°F and above

Replacement O-rings

ORN013	O-ring 1/8" Nitrile
ORN110	O-ring 1/4" Nitrile
ORN112	O-ring 3/8" Nitrile
ORN114	O-ring 1/2" Nitrile
ORV110	O-ring 1/4" Viton
ORV112	O-ring 3/8" Viton
ORV114	O-ring 1/2" Viton

Two-Gun Tee Coupler



Two-Gun Tee Coupler makes switching from one gun to two a snap. 3/8" quick coupler fittings good up to 4000 PSI.



- For use with dual gun systems
- Couples onto outlet nipple
- 3/8" couplers

Part No.	Description
2-2014	Two Gun Splitter

Hose Clamps

Warning: Low pressure use only! Not for use on pressure washer discharge hose.



- Stainless steel band and housing
- Worm gear tensions



- Nylon "Speedi-Clamp" tightens with a snap
- Releases with a twist

Part No.	Band	OD	Min - Max
2-9000	4mm	5/16"	.25 - .63
2-9002	5mm	5/16"	.38 - .88
358013	10mm	5/16"	.50 - 1.06
358015	H8	1/2"	.44 - .91
358018	H10	1/2"	.56 - 1.06
2-9004	H12	1/2"	.69 - 1.25
2-90041	H16	1/2"	.75 - 1.50
2-9007	H24	1/2"	1.06 - 2.00
358024	H32	1/2"	1.56 - 2.50

358001X* 1/4" ID Speedi-Clamps

358004X* 3/8" ID Speedi-Clamps

358006X* 1/2" ID Speedi-Clamps

*50 Pack

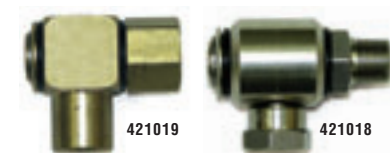
Spring Clamps



Spring tension, speed mount clamps

Part No.	Description
2-9040	Spring clamps - .46 - .54
2-9041	Spring clamps - .40 - .48

Swivels - Right Angle



- 360° swivel rotation
- 3/8" MPT inlet/outlet
- 4000 PSI - Brass
- 5000 PSI - SS

Part No.	Description
421018	Swivel - Stainless Steel 3/8"
421020	Swivel - Brass 3/8"
421019	Swivel - Brass 1/2"
075130	Repair Kit - 3/8"
075128	Repair Kit - 1/2"

90° Swivels

Excellent for Carwash Booms and Hose Reels. Remarkable value, comparable to best swivels made.



- Machined Brass Body
- 4000 PSI
- 225°F

Part No.	Description
421043	3/8" M x 3/8" F
421044	3/8" F x 3/8" F
421045	1/2" M x 1/2" F
421046	1/2" F x 1/2" F
421047	1/2" M x 3/8" F
110025	Repair Kit

Swivels



- Swivels even at 3000 PSI
- Brass housing
- Stainless steel flow-through bolt
- Close tolerance fit assures leakproof seal
- Teflon® ring provides free swivel

Part No.	Description
421010A*	3/8" MPT x FPT, Plated
421012A*	3/8" FPT x FPT, Plated
421014	3/8" MPT x FPT, Brass
421015	3/8" FPT x FPT, Brass
109198	Seal Kit
109199	Rebuild Kit

*Heavy Nickel Plate for added chemical resistance

Stainless Steel High Pressure & Economy Brass Swivels



2-11059, 2-1106



421009

- 10.5 GPM (SS)
- 7.8 GPM (brass)
- 320°F (SS)
- 195°F (brass)
- Highly resistant to harsh chemicals
- "Live" swivel at full pressure
- 6 oz weight

Part No.	Description
2-11059	Swivel - 1/4" M x F
2-1106	Swivel - 3/8" M x F
421009	3/8" M x F
109542	Repair Kit

Gun Swivel



Made of corrosion-resistant material and stainless steel self-lubricated bearings the new gun swivel offers highest quality Swiss made craftsmanship.



- 4000 PSI
- 250°F
- 30 RPM

Part No.	Description
421057	Gun Swivel DGV - 1/4" NPTF
421056	Gun Swivel DVG - 3/8" NPTF

Stainless Steel Swivels



- Swivels even at 4000 PSI
- 200°F
- All stainless construction
- Teflon® swivel ring
- Rebuildable
- 3/8" in and out

Part No.	Description
421016	3/8" MPT x FPT
421017	3/8" FPT x FPT
109198	Seal Kit
109199	Rebuild Kit

Swivels - Ball Bearing



Swivels freely even at maximum pressure level noted below.



- MPT x FPT all sizes
- Brass and Stainless Steel materials

Part No.	Description	PSI
421004	1/4"	2000
421005	1/4"	3500
421006	3/8"	2000
421007	3/8"	3500
421080	1/4" 90°	3500
075060	Repair Kit	

Swivels - Stainless Steel Ball Bearing



- Hardened stainless steel body
- Nitrile Buna seals
- 3500 PSI
- 180°F
- M x F NPT thread
- Ball-bearing design ensures free swivel action under pressure
- Suitable for extended wear application

Part No.	Description
421034	1/4", 6.8 GPM
421036	3/8", 10.6 GPM
421038	1/2", 27.0 GPM
076101	Repair Kit for 421036
076102	Repair Kit for 421034
076103	Repair Kit for 421038

Adapters - Brass



Part No.	FPT x MPT
140651	1/8" x 1/8"
2-11031	1/4" x 1/8"
2-1103	1/4" x 1/4"
140650	3/8" x 1/8"
2-1101	3/8" x 1/4"
2-11020	3/8" x 3/8"
2-11011	1/2" x 1/4"
2-1102	1/2" x 3/8"
2-1100	1/2" x 1/2"
140660	3/4" x 1/2"
140662	3/4" x 3/4"

Bushings - Brass



Part No.	MPT x FPT
2-1072	1/4" x 1/8"
2-1074	3/8" x 1/4"
2-1076	1/2" x 1/4"
2-1077	1/2" x 3/8"
2-1080	3/4" x 3/8"
2-1081	3/4" x 1/2"

Hex Couplings - Brass



Part No.	FPT
2-1013	1/8"
2-1014	1/4"
2-1015	3/8"
2-1016	1/2"
2-1017	3/4"

Reducing Hex Couplings - Brass



Part No.	Description
2-1095	1/4" x 1/8" F
2-1097	3/8" x 1/4" F
2-1098	1/2" x 1/4" F
2-1099	1/2" x 3/8" F
2-11010	3/4" x 1/2" F

Hex Double Nipples - Brass



Part No.	Description
2-1001	1/8" x 1/8" M
2-1003	1/4" x 1/4" M
2-1005	3/8" x 3/8" M
2-1007	1/2" x 1/2" M
2-1009	3/4" x 3/4" M
140764	1" x 1" M

Hex Reducing Nipples - Brass



Part No.	Description
2-1055	1/4" x 1/8" M
2-1056	3/8" x 1/8" M
2-1057	3/8" x 1/4" M
140757	1/2" x 1/4" M
2-1058	1/2" x 3/8" M
2-1059	3/4" x 1/2" M

Copper Tubing Connectors



2-1118



2-1116

Part No.	Description	Material
2-1117	1/4" Tube x 1/8" MPT	Brass
2-1118	1/4" Tube x 1/4" MPT	Brass
2-1116	1/4" Tube x 1/8" MPT, 90° Elbow	Brass

Plastic Dip Tube Assembly



- New Style Plastic dip tubes
- Rubber bushing seal ordered separately

Part No.	Description
2-010062	MPG, VHW, MVP, HS, 7.5"
2-010063	PHWS, OHW, HOT, 12"
2-010064	Skids, 17.75"
2-010061	Rubber bushing

Copper Fuel Dip Tubes



"Old Style"

Part No.	Description	Material
2-10881	PHW Fuel, 12"	Brass
2-10882	HS Fuel, 6.5"	Brass
2-10883	VHW Fuel, 7.5"	Brass
2-10884	MHP Fuel, 17"	Brass

JIC Nipples - Brass



2-1053



2-10632

Part No.	Description
2-1051	1/2" JIC x 1/4" MPT
2-1052	1/2" JIC x 3/8" MPT
2-1053	1/2" JIC x 1/2" MPT
2-1054	1/2" JIC x 3/4" MPT
2-10632	1/2" JIC x 1/2" FPT
2-10633	1/2" JIC x 3/8" FPT
2-10634	1/2" JIC x 1/4" FPT
2-10635	1/2" JIC x 3/4" FPT
2-10636	3/4" JIC x 3/4" Pipe MPT
2-1090	1/2" JIC x 3/4" GHM
2-10941	1/2" JIC x 3/4" GHF

Nipples - Brass



Part No.	Description
2-1000	1/8" Close
2-1002	1/4" Close
2-1004	3/8" Close
2-1006	1/2" Close
2-1008	3/4" Close
140703	1/8" x 1-1/2"
140705	1/8" x 2-1/2"
140711	1/4" x 1-1/2"
140712	1/4" x 2"
140713	1/4" x 2-1/2"
140721	3/8" x 1-1/2"
140723	3/8" x 2-1/2"
140724	3/8" x 3"
140731	1/2" x 1-1/2"
140733	1/2" x 3"
140742	3/4" x 2"
140744	3/4" x 3"

90° Reducing Elbows - Brass



Part No.	Description
2-10410	1/4" F x 1/8" F
140577	3/8" F x 1/4" F



140583	1/4" x 1/8" MPT
140582	3/8" x 1/8" MPT
140585	3/8" x 1/4" MPT
140587	1/2" x 3/8" MPT

90° Elbows - Brass



Part No.	Description
140552	1/8" FPT
2-1018	1/4" FPT
2-1019	3/8" FPT
2-1020	1/2" FPT
2-1021	3/4" FPT
140584	1/4" x 1/4" MPT
140586	3/8" x 3/8" MPT
140588	1/2" x 1/2" MPT

Street Elbows - Brass



Part No.	Description
2-10215	1/8" M x F - 90°
2-1022	1/4" M x F - 90°
2-1023	3/8" M x F - 90°
2-1024	1/2" M x F - 90°
2-1025	3/4" M x F - 90°



140632	1/8" M x F - 45°
2-10260	1/4" M x F - 45°
2-1026	3/8" M x F - 45°
2-1027	1/2" M x F - 45°
140642	3/4" M x F - 45°

Extruded or Forged Tees - Brass



Part No.	Description
140852	1/8" F
2-1030	1/4" F
2-1031	3/8" F
2-1032	1/2" F
2-1033	3/4" F

Male Branch Tees - Brass



Part No.	Description
2-1037	1/4"
2-1038	3/8"
140879	1/2"

Street Tees - Brass



Part No.	Description
2-1040	1/4"
2-1041	3/8"
2-1042	1/2"
140890	3/4"

Female Crosses - Brass Extruded



Part No.	Description
140664	1/4"
2-1034	3/8"
2-1035	1/2"
140672	3/4"

Check Hose Barbs



- 1/4" MPT X 1/4" barb
- Brass body
- Buna or Viton check ball

Part No.	Description
385128	Check Hose Barb - Viton
385129	Check Hose Barb - Buna

Push-On - Brass Swivel



2-1105

Part No.	Description
2-11062	1/4" Barb x 1/4" JIC Fem
2-1105	1/2" Barb x 1/2" JIC Fem
2-11050	3/4" Barb x 3/4" JIC Fem

Hose Barbs - Brass



Barb x Barb



90° Barb x MPT



Barb x MPT

Part No.	Description
Barb x Barb	
2-10891	1/4" x 1/4"
2-10864	3/8" x 3/8"
140208	1/2" x 1/2"
140210	5/8" x 5/8"
140212	3/4" x 3/4"
90° Barb x MPT	
2-1088	1/4" x 1/8"
2-1089	1/4" x 1/4"
2-10892	3/8" x 1/4"
140372	3/8" x 3/8"
140374	3/8" x 1/2"
140375	1/2" x 1/4"
140376	1/2" x 3/8"
140377	1/2" x 1/2"
140379	5/8" x 3/8"
140384	5/8" x 1/2"
Barb x MPT	
140350	1/8" X 1/4"
2-1084	1/4" X 1/8"
2-1085	1/4" x 1/4"
2-1086	1/4" x 3/8"
140361	1/4" x 1/2"
140351	3/8" x 1/8"
2-10871	3/8" x 1/4"
2-10862	3/8" x 3/8"
140356	3/8" x 1/2"
140353	3/8" x 3/4"
140363	1/2" x 1/4"
140359	1/2" x 3/8"
140362	1/2" x 1/2"
140364	1/2" x 3/4"
2-10860	5/8" x 3/8"
2-10861	5/8" x 1/2"
140366	5/8" x 3/4"
140367	3/4" x 1/2"
140368	3/4" x 3/4"
2-11063	1/4" x fits Honda oil drain



2-11063

Push-N-Lock Barbs

Part No.	Barb x MPT	Part No.	Barb x MPT
140252	1/4" x 1/8"	2-1108	1/2" x 3/8"
140254	1/4" x 1/4"	2-1107	1/2" x 1/2"
140255	1/4" x 3/8"	140264	1/2" x 3/4"
140256	3/8" x 1/8"	140265	5/8" x 3/8"
140257	3/8" x 1/4"	140266	5/8" x 1/2"
140258	3/8" x 3/8"	140267	5/8" x 3/4"
140259	3/8" x 1/2"	2-11080	3/4" x 1/2"
140260	3/8" x 3/4"	2-11081	3/4" x 3/4"
140261	1/2" x 1/4"		

Swivel Hose Barbs - Low Pressure



- 300 PSI
- 210°F
- Brass MPT base with steel hose barb
- Swivel easily at low pressure to eliminate twists and tangles in chemical or water lines

Part No.	Description
140079	1/4" x 1/4"
140081	3/8" x 3/8"
140083	1/2" x 1/2"

Orificed Hose Barb



- Inexpensive way to create suction on inlet side of pump
- Used in-line from float tank to pump
- One-piece machined brass
- 3/8" MPT x 5/8" barb
- Standard orifice 5/32" – Drill up to 3/8" to fit your need

Part No.	Description
140320	Orificed Hose barb

Drain Cocks



Part No.	Description
140125	1/4" Fuel Drain w/Tee Handle
140127	1/4" Fuel Drain w/Barb & Tee Handle

Hex Head Plugs



Part No.	Description
140802	1/8"
140804	1/4"
2-1047	3/8"
2-1048	1/2"
2-1049	3/4"

Hex Socket Head Plugs



Part No.	Description
2-1044	1/8"
2-1046	1/4"
140806A	3/8"
2-10461	1/2"

Pipe Thread Hex Nuts



Part No.	Description
140062	1/8"
140064	1/4"
2-1082	3/8"
2-1083	1/2"
140070	3/4"

Garden Hose Fittings

- MGH = Male Garden Hose
- FGH = Female Garden Hose
- Heavy-duty Machined Brass Fittings



140056



140054



331040



2-1902



140038



140303

Part No.	Description
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Swivel Fittings

140050	3/4" FGH x 1/4" MPT
2-10943	3/4" FGH x 3/8" MPT
2-10942	3/4" FGH x 1/2" MPT
2-1093	3/4" FGH x 1/2" FPT (S-1)
2-1094	3/4" FGH x 3/4" FPT (S-2)
140055	3/4" FGH x 3/4" FGH (S-3)
140002	3/4" FGH x 1/2" Barb
140004	3/4" FGH x 5/8" Barb
140006	3/4" FGH x 3/4" Barb

Garden Hose Quick Couplers

331040	Female Hose Coupler
331140	Male Hose Plug

Garden Hose Accessories

140020	Garden Hose Washer
2-1902	Filter Screen Washer (30 mesh)

Solid Fittings

2-1091	3/4" MGH x 3/8" MPT
2-1092	3/4" MGH x 1/2" MPT
2-10922	3/4" MGH x 3/4" MPT
140028	3/4" FGH x 1/2" FPT
140030	3/4" FGH x 3/4" FPT
2-10921	3/4" FGH x 1/2" MPT
2-10920	3/4" FGH x 3/4" MPT
140026	3/4" FGH X 3/4" FGH (SS)

Hose Barb Fittings

140301	3/8" Barb x 3/4" MGH
140303	1/2" Barb x 3/4" MGH
140305	5/8" Barb x 3/4" MGH
140307	3/4" Barb x 3/4" MGH
140317	3/8" Barb x 3/4" FGH
140319	1/2" Barb x 3/4" FGH
140321	5/8" Barb x 3/4" FGH
140323	3/4" Barb x 3/4" FGH

Teflon® Thread Sealing Tape



- Big 1/2" x 520" roll
- Mil - spec #T27730

Part No.	Description
2-9021	Thread Sealing Tape

Zinc Plated Heavy Wall Steel Pipe Fittings

- Up to 6000 PSI working pressure (18000 PSI burst)
- Attractive zinc-plated protective coating
- US standard taper pipe threads

Adapters



Part No.	MPT x FPT	PSI
142404	1/4" x 1/4"	6000
2-0069	1/4" x 3/8"	6000
2-0047	3/8" x 3/8"	6000
2-0071	3/8" x 1/2"	5000
142408	1/2" x 1/2"	5000
2-0072	1/2" x 3/4"	4000
142412	3/4" x 3/4"	4000

Coupling Hex



Part No.	FPT x FPT	PSI
2-0022	1/4" x 1/4"	6000
2-0023	3/8" x 3/8"	6000
2-0024	1/2" x 1/2"	5000
2-0025	3/4" x 3/4"	5000
142416	3/8" x 1/4"	6000
142418	1/2" x 3/8"	5000
142419	1/2" x 1/4"	5000
142421	3/4" x 1/2"	4000

Close Nipple - Hex



Part No.	MPT x MPT	PSI
2-0004	1/4" x 1/4"	6000
2-0006	3/8" x 3/8"	6000
2-0008	1/2" x 1/2"	6000
142434	3/4" x 3/4"	6000
2-0018	3/8" x 1/4"	6000
142428	1/2" x 1/4"	6000
2-0019	1/2" x 3/8"	6000
142431	3/4" x 1/2"	6000

Street Elbow



Part No.	MPT x FPT	PSI
2-0030	1/4" x 1/4"	5000
2-00301	1/4" x 3/8"	4500
2-0031	3/8" x 3/8"	4500
2-00271	3/8" x 1/2"	3000
2-0032	1/2" x 1/2"	3000
142443	1/2" x 3/4"	3000
142444	3/4" x 3/4"	3000

JIC x Pipe Nipples



Part No.	MPT x FPT x MPT
2-00501	1/2" JIC x 1/4" FPT
2-00510	1/2" JIC x 3/8" FPT
2-0051	1/2" JIC x 3/8" MPT
2-0052	1/2" JIC x 1/2" MPT

Elbow



Part No.	FPT x FPT	PSI
142504	1/4" x 1/4"	5000
142505	1/4" x 3/8"	4500
2-0027	3/8" x 3/8"	4500
142507	3/8" x 1/2"	3000
2-0028	1/2" x 1/2"	3000
142509	1/2" x 3/4"	4000
2-0029	3/4" x 3/4"	4000

Street Tee



Part No.	MPT x FPT x MPT	PSI
2-0044	1/4"	5000
2-0045	3/8"	4500
2-0046	1/2"	3000
142687	3/4"	3000

Tee - 3 Connects



Part No.	FPT	PSI
2-0034	1/4"	5000
2-0035	3/8"	4500
2-0036	1/2"	3000
142662	3/4"	3000

Cross - 4 Connects



Part No.	FPT	PSI
142664	1/4"	5000
2-0038	3/8"	4500
2-0039	1/2"	3000
2-1040	3/4"	3000

Reducing Bushing



Part No.	MPT x FPT	PSI
2-00682	3/8" x 1/4"	6000
142678	1/2" x 1/4"	6000
2-00681	1/2" x 3/8"	6000
142682	3/4" x 1/2"	6000

Pipe Plugs - Hex



Part No.	MPT	PSI
142701	1/4"	6000
2-0048	3/8"	6000
2-0049	1/2"	6000
2-00491	3/4"	6000

Pipe Nipple - Zinc



Part No.	Length x MPT	Working PSI
142800	2" x 1/4"	6000
142801	3" x 1/4"	6000
142802	4" x 1/4"	6000
142803	2" x 3/8"	6000
142804	3" x 3/8"	6000
142805	4" x 3/8"	6000
142806	2" x 1/2"	6000

Part No.	Length x MPT	Working PSI
142807	3" x 1/2"	6000
142808	4" x 1/2"	6000
142808T	5" x 1/2"	6000
142810	2" x 3/4"	6000
142811	3" x 3/4"	6000
142812	4" x 3/4"	6000
142813	6" x 3/4"	6000

Galvanized Pipe Fittings

- Pressed steel fittings - external galvanized for excellent chemical resistance
- Ideal for supply line (city water pressure) applications (working pressure rating 125 PSI)

NOT recommended for high pressure piping applications

Pipe Street Elbows



Part No.	MPT x FPT
142604	1/4"
142606	3/8"
142608	1/2"
142610	3/4"

Pipe Tees



Part No.	FPT x FPT x FPT
142854	1/4"
142856	3/8"
142858	1/2"
142868	3/4"

Merchant Coupling



Part No.	FPT x FPT
142454	1/4"
142456	3/8"
142458	1/2"

Banded Coupling



Part No.	FPT x FPT
142754	1/4"
142756	3/8"
142758	1/2"
142760	3/4"

90° Elbows



Part No.	FPT x FPT
142552	1/4"
142556	3/8"
142558	1/2"
142560	3/4"

"The Big One"



Larger, heavier, and with more filtering area than competitors' filters



- Corrosion-resistant plastic
- Stepped 1/4" & 3/8" hose barb
- Weighted to hold onto bottom of tank

Part No.	Description
340025	With Check Valve
340026	Without Check Valve

Brass Chemical Filter



50 mesh stainless steel screen. Removable mesh for easy cleaning. Heavy-duty one-piece brass body holds the filter on the bottom of tank.



- 1/4" hose barb
- Stainless steel check ball

Part No.	Description
2-1905	With Check Valve
2-1907	Without Check Valve

Plastic Chemical Strainer



Polypropylene and Brass Construction



- 7mm hose barb

Part No.	Description
2-19050	with Check Valve
2-1904	without Check Valve

Inline ClearView Filter



347091



347092



347093

- Clear plastic cover
- Integrated garden hose connector
- 8 GPM, 150 PSI
- Strongest see-through filter on the market

Part No.	Inlet	Outlet	Bypass
347091	3/8" MPT	3/4" GH	
347093	3/8" MPT	3/4" GH	1/4"
347090	1/2" MPT	3/4" GH	
347092	1/2" MPT	3/4" GH	1/4"

Green-Cap Inline Filter



The Original Green-Cap!



- 6 GPM
- 40 mesh stainless screen
- Diecast metal housing/ plastic cap
- 1/2" FPT inlet
- 1/2" MPT outlet
- Two 1/4" side ports
- 145 PSI

Part No.	Description
2-1908	Green Cap Filter
1-10016776	Replacement Screen
1-10016651	Replacement Cap

All Metal Line Filter



- Die-cast aluminum body and cover
- 38 mesh screen
- 6.6 GPM
- 170 PSI
- 195°F
- 1/2" Female x Male

Part No.	Description
342030	All Metal Line Filter (Black Anodized Finish)
109343	Replacement Filter

Line Filters



- 1/2" Female x Male
- 50 mesh screen
- 8 GPM
- 145 PSI
- 140°F
- Unbreakable reinforced nylon cap

Part No.	Description
342026	Filter
2-1923	With Auxiliary (bypass) Port
12-28030656	Replacement Screen

Clear Bowl Filters



- Low profile style
- MPT inlet & outlet
- White nylon body
- Clear bowl
- Stainless steel screen
- L 3", W 1-3/4", H 2-3/8"

Part No.	Description
342012	1/4", 40 Mesh Screen
342013	1/4", 80 Mesh Screen
342014	3/8", 40 Mesh Screen
342015	3/8", 80 Mesh Screen
342016	1/2", 40 Mesh Screen
342017	1/2", 80 Mesh Screen
078214	80 Mesh Replacement Screen
078215	40 Mesh Replacement Screen

Inline Can-Type Filters & Parts



- 40 or 80 mesh filtration
- Heavy-duty molded plastic with stainless steel screen
- Hanger tab standard on 3/8", 1/2" and 3/4"
- Choose black or clear filter cans

Part No.	Description
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40 Mesh Filters

342105	Black, 3/8"
342110	Black, 1/2"
342115	Black, 3/4"
342120	Black, 1"
342150	Black, 1-1/4"
342155	Black, 1-1/2"
342106	Clear, 3/8"
342111	Clear, 1/2"
342116	Clear, 3/4"
342123	Clear, 1"
342151	Clear, 1-1/4"
342156	Clear, 1-1/2"

80 Mesh Filters

342112	Black, 1/2"
342117	Black, 3/4"
342122	Black, 1"
342158	Black, 1-1/4"
342147	Black, 1-1/2"
342113	Clear, 1/2"
342118	Clear, 3/4"
342125	Clear, 1"
342159	Clear, 1-1/4"
342149	Clear, 1-1/2"

Inline Can-Type Filter Parts - 3/8", 1/2", 3/4"

078202	Gasket
078204	Viton Gasket
078207	Bowl - Standard Black
078208	Bowl - Clear
078216	40 Mesh Screen
078220	80 Mesh Screen
078223	3/8" Top with Tab
078224	1/2" Top with Tab
078225	3/4" Top with Tab

Inline Can-Type Filter Parts - 1", 1-1/4", 1-1/2"

078203	Gasket
078205	Viton Gasket
078217	40 Mesh Screen 1"
078233	40 Mesh Screen 1-1/4"
078234	40 Mesh Screen 1-1/2"
078221	80 Mesh Screen 1"
078237	80 Mesh Screen 1-1/4"
078238	80 Mesh Screen 1-1/2"
078226	1" Filter Top
078227	1-1/4" Filter Top
078228	1-1/2" Filter Top
078230	Bowl Black - 1", 1-1/4", 1-1/2"
078231	Bowl Clear - 1", 1-1/4", 1-1/2"

Y-Trap Strainer



- Brass bodies & cap
- FPT inlet & outlet
- Stainless steel 50 mesh cylinder screen
- 170 PSI
- 194°F

Part No.	Description
342004	1/4"
342006	3/8"
342007	1/2"
342008	3/4"
342009	1"

NOTE: Replacement Screen/Gasket Kits Available

Check / Foot Valve

Includes backflow check and perforated screen, prevents damage to pump or control valves.



- Removable stainless steel screen
- Spring-loaded check valve
- Cast brass bodies
- FPT outlet

Part No.	Description
310882	1/2" Foot Valve/ Check & Screen
310883	3/4" Brass Spring Check Valve
310884	1" Brass Spring Check Valve
310886	1-1/2" Brass Spring Check Valve
310888	2" Brass Spring Check Valve

ST35 / 35R Suction Foot Valve



- Stainless steel screen
- Combination 1/2" 3/4" hose barb
- Weighted to hold at bottom of tank or source

Part No.	Description
342021	With Check Valve
342020	Without Check Valve

Tank Screen / Strainer



- Stainless steel screen – 40 or 50 mesh
- PVC base – attaches to nipple or tubing
- Use for tank drain or chemical line

Part No.	Mesh	FPT
342304	50	1/4"
342306	50	3/8"
2-1906	40	1/2"
342308	50	1/2"
342311	40	3/4"
342312	50	3/4"
342316	40	1"
342320	40	1-1/2"

High Pressure Nozzle Filters



2-99071



2-990712



342042



347098

- 1/4" MPT outlet
- 300°F
- 100 mesh screen
- 5000 PSI

Part No.	Material	Inlet	Outlet
2-99071	Brass	1/4" FPT	1/4" MPT
342042	Brass	1/4" QC	1/4" MPT
2-990712	416 SS	1/4" QC	1/4" MPT
347098	Brass	1/4" MPT	1/4" MPT

High Volume Filter & Parts

Molded Plastic Housing



- 3/4" FPT inlet & outlet
- 125 PSI
- 12 GPM max flow at 50 Micron
- 10 GPM max flow at 5 or 20 Micron
- Clear-View sump
- 14-1/2" tall x 5-1/2" port to port

Part No.	Description
342375	Housing Only

Mounting Bracket / Hardware



- Allows secure, solid wall mounting
- Bright zinc-plated
- (4) screws included

Part No.	Description
565375X	Mounting Bracket/Hardware

Ultra Fine Filter Elements



- Pleated polyester/polypropylene core
- Recommended for large flow, low pressure applications (up to 60 PSI)

Part No.	Description
342380	5 Micron, 10 GPM
342382	20 Micron, 10 GPM
342384	50 Micron, 12 GPM

Synthetic String Wound Elements



- Recommended for maximum filtration with reduced flow requirements (up to 130 PSI)

Part No.	Description
342387	5 Micron, 4 GPM
342389	20 Micron, 5 GPM
342391	50 Micron, 6 GPM

LANDA Fuel Filter / Water Separator



2-9905

- Removes water from fuel
- Replace elements w/o tools
- 15 micron element
- 1/4" FPT inlet and outlet
- Filters gasoline and diesel fuel

Part No.	Description
2-9905	Filter, Fuel/Water Separator
2-99051	Replacement Element, Fuel/Water Separator
2-99052	Replacement Element, Fuel/Water Sep - Heavy-duty
2-99053	Kit, O-Rings & Drain Plug
2-99054	Kit, O-Rings, Drain Plug, Cup
2-99055	Plug, Vent, Fuel/Water Separator - Plastic

Klemm Fuel Filters & Filter Parts



341006

- Chemistone microfilter
- (15 microns) elements
- Metal Bowl
- 1/4" FPT Inlet & Outlet
- Replace elements w/o tools

Part No.	Description
341006	JR60 w/o Inlet Valve
341008	JR500GV w/ Inlet Valve
2-99060	Element Replacement

Filter Parts

2-99066	Filter Element Gasket
2-99063	Filter Bowl Gasket
2-99064	Filter Screen
078108	Filter Bowl Retaining Cup
078112	Star Nut
2-99065	Filter Element Spring
078116	Wire Bowl Retainer Assy

Fuel Filters

Inline – disposable



341002

- Designed for gasoline filtering



2-99031

Part No.	Description
2-99031	1/4" In/Out, Plastic
341002	1/4" In/Out, Metal
341003	3/8" In/Out, Plastic

Clear Bowl Fuel Filter



- Aluminum Housing
- Clear Acrylic Bowl
- 120 Mesh SS Screen
- 1/4" x 1/4"

Part No.	Description
341013	Complete Unit

General Fuel Filters



- Can type
- 10 GPH
- 10 micron filtration
- 1/4" FPT inlet/outlet
- Inexpensive replacement
- Wool felt element
- UL & CSA listed

Part No.	Description
341015	Filter Unit
341017	Element

Inline Fuel Filter



- 1/4" hose barb ends
- Multi brand application

Part No.	Description
2-9903	Disposable, mini

Racor Filter Funnel



- 3.9 GPM
- Teflon Coated, Stainless Steel Filter
- Separates free water and contaminants from gasoline/diesel/kerosene

Part No.	Description
341044	Racor Filter Funnel

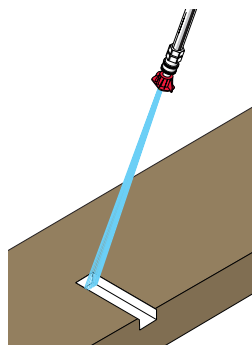
Nozzle Size Selection Chart

Determine the nozzle size by the pressure washer's gallons per minute (GPM) and a specific pounds per square inch (PSI). If the nozzle size is too small, your equipment can be damaged. If the nozzle size is too large, cleaning ability is compromised. Nozzle fan degree does not effect nozzle size selection.

Standard Nozzle Size	Hole Size	Pounds Per Square Inch (PSI)																
		500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000	4500	5000
2	.034"/0.86mm	0.71	0.87	1.00	1.12	1.22	1.32	1.41	1.50	1.58	1.66	1.73	1.80	1.87	1.94	2.00	2.12	2.24
2.5	.042"/1.07mm	0.88	1.08	1.25	1.40	1.53	1.65	1.77	1.88	1.98	2.07	2.17	2.25	2.34	2.42	2.50	2.65	2.80
3	.043"/1.09mm	1.06	1.30	1.50	1.68	1.84	1.98	2.12	2.25	2.37	2.49	2.60	2.70	2.81	2.90	3.00	3.18	3.35
3.5	.048"/1.22mm	1.24	1.52	1.75	1.96	2.14	2.32	2.47	2.63	2.77	2.90	3.03	3.15	3.27	3.39	3.50	3.71	3.91
4	.052"/1.32mm	1.41	1.73	2.00	2.24	2.45	2.65	2.83	3.00	3.16	3.32	3.46	3.61	3.74	3.87	4.00	4.24	4.47
4.5	.055"/1.40mm	1.59	1.95	2.25	2.52	2.76	2.98	3.18	3.38	3.56	3.73	3.90	4.06	4.21	4.36	4.50	4.77	5.03
5	.057"/1.45mm	1.77	2.17	2.50	2.80	3.06	3.31	3.54	3.75	3.95	4.15	4.33	4.51	4.68	4.84	5.00	5.30	5.59
5.5	.060"/1.52mm	1.94	2.38	2.75	3.07	3.37	3.64	3.89	4.13	4.35	4.56	4.76	4.96	5.14	5.33	5.50	5.83	6.15
6	.062"/1.57mm	2.12	2.60	3.00	3.35	3.67	3.97	4.24	4.50	4.74	4.97	5.20	5.41	5.61	5.81	6.00	6.36	6.71
6.5	.064"/1.63mm	2.30	2.81	3.25	3.63	3.98	4.30	4.60	4.88	5.14	5.39	5.63	5.86	6.08	6.29	6.50	6.89	7.27
7	.067"/1.70mm	2.47	3.03	3.50	3.91	4.29	4.63	4.95	5.25	5.53	5.80	6.06	6.31	6.55	6.78	7.00	7.42	7.83
7.5	.070"/1.78mm	2.65	3.25	3.75	4.19	4.59	4.96	5.30	5.63	5.93	6.22	6.50	6.76	7.02	7.26	7.50	7.95	8.39
8	.072"/1.83mm	2.83	3.46	4.00	4.47	4.90	5.29	5.66	6.00	6.32	6.63	6.93	7.21	7.48	7.75	8.00	8.49	8.94
8.5	.074"/1.88mm	3.01	3.68	4.25	4.75	5.21	5.62	6.01	6.38	6.72	7.05	7.36	7.66	7.95	8.23	8.50	9.02	9.50
9	.076"/1.93mm	3.18	3.90	4.50	5.03	5.51	5.95	6.36	6.75	7.12	7.46	7.79	8.11	8.42	8.71	9.00	9.55	10.06
9.5	.078"/1.98mm	3.36	4.11	4.75	5.31	5.82	6.28	6.72	7.13	7.51	7.88	8.23	8.56	8.89	9.20	9.50	10.08	10.62
10	.080"/2.03mm	3.54	4.33	5.00	5.59	6.12	6.61	7.07	7.50	7.91	8.29	8.66	9.01	9.35	9.68	10.00	10.61	11.18
11	.083"/2.11mm	3.89	4.76	5.50	6.15	6.74	7.28	7.78	8.25	8.70	9.12	9.53	9.92	10.29	10.65	11.00	11.67	12.30
12	.087"/2.21mm	4.24	5.20	6.00	6.71	7.35	7.94	8.49	9.00	9.49	9.95	10.39	10.82	11.22	11.62	12.00	12.73	13.42
12.5	.089"/2.26mm	4.42	5.41	6.25	6.99	7.65	8.27	8.84	9.38	9.88	10.36	10.83	11.27	11.69	12.10	12.50	13.26	13.98
13	.091"/2.31mm	4.60	5.63	6.50	7.27	7.96	8.60	9.19	9.75	10.28	10.78	11.26	11.72	12.16	12.59	13.00	13.79	14.53
15	.096"/2.44mm	5.30	6.50	7.50	8.39	9.19	9.92	10.61	11.25	11.86	12.44	12.99	13.52	14.03	14.52	15.00	15.91	16.77
20	.109"/2.77mm	7.07	8.66	10.00	11.18	12.25	13.23	14.14	15.00	15.81	16.58	17.32	18.03	18.71	19.36	20.00	21.21	22.36
25	.125"/3.18mm	8.84	10.83	12.50	13.98	15.31	16.54	17.68	18.75	19.76	20.73	21.65	22.53	23.39	24.21	25.00	26.52	27.95
30	.141"/3.58mm	10.61	12.99	15.00	16.77	18.37	19.84	21.21	22.50	23.72	24.87	25.98	27.04	28.06	29.05	30.00	31.82	33.54
40	.156"/3.96mm	14.14	17.32	20.00	22.36	24.49	26.46	28.28	30.00	31.62	33.17	34.64	36.06	37.42	38.73	40.00	42.43	44.72
50	.172"/4.37mm	17.68	21.65	25.00	27.95	30.62	33.07	35.36	37.50	39.53	41.46	43.30	45.07	46.77	48.41	50.00	53.03	55.90
60	.188"/4.78mm	21.21	25.98	30.00	33.54	36.74	39.69	42.43	45.00	47.43	49.75	51.96	54.08	56.12	58.09	60.00	63.64	67.08

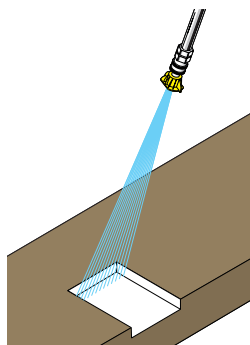
Nozzle Fan Selection

Select the nozzle degree, or spray angle, based on your application. Standard nozzle degrees – 0°, 15°, 25°, and 40°. Using the wrong nozzle degree can damage the surface you are cleaning.



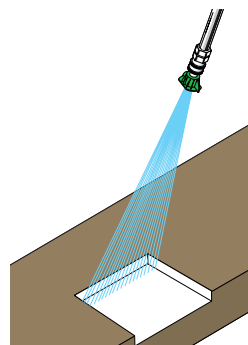
0° – Red:

Cutting nozzle. It delivers a concentrated stream that can gouge or cut. It can cut stubborn stains from concrete and other hard surfaces.



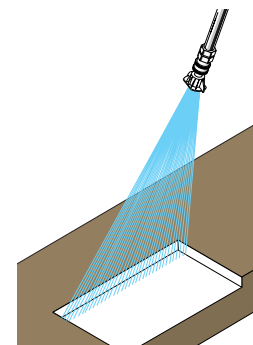
15° – Yellow:

Chiseling nozzle. Working at a 45° angle, this nozzle works like a scraper, stripping paint, grease and grime from hard surfaces.



25° – Green:

Flushing nozzle. The most commonly used nozzle for cleaning dirt from siding, sidewalks and metal furniture as well as for wet sweeping leaves.



40° – White:

Wash nozzle. Its wide spray allows you to wash and rinse a large area fast. It is usually safe with most surfaces, including aluminum siding, windows and vehicles.

4 & 5 Pack Color Coded QC Nozzle Sets



4-Pack

Nozzle Sets, contain a complete set of 4 or 5 quick coupler nozzles 0°, 15°, 25°, and 40°. The 5 pack includes one 40 x 65° soap nozzle.

4-Pack

Orifice	Part No.
3.0	4-0003
3.5	4-0035
4.0	4-0004
4.5	4-0045

5-Pack

Orifice	Part No.	Orifice	Part No.
3.5	259710	5.5	259714
4.0	259711	6.0	259715
4.5	259712	6.5	259716
5.0	259713		

General Pump Nozzles



Q-Style Nozzle

“QC”, Color Coded, Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 PSI.

Orifice	0°	15°	25°	40°
3.0	259610	259611	259612	259613
3.5	259615	259616	259617	259618
4.0	259620	259621	259622	259623
4.5	259625	259626	259627	259628
5.0	259630	259631	259632	259633
5.5	259635	259636	259637	259638
6.0	259640	259641	259642	259643

Orifice	0°	15°	25°	40°
6.5	259645	259646	259647	259648
7.0	259650	259651	259652	259653
7.5	259655	259656	259657	259658
8.0	259660	259661	259662	259663
8.5	259665	259666	259667	259668
9.0	259670	259671	259672	259673
10.0	259675	259676	259677	259678

Landa Part No., use the following part numbering key.

example: 4-12804025

4-128
prefix

040
orifice size (4.0)

25
fan size (25°)

Fan Sizes Available

0°, 15°, 25° and 40°
see chart on page 59
for orifice size



M-Style
1/4" Male Threads

1/4" male pipe thread nozzles, rated up to 5000 PSI. Hardened stainless steel nozzle insert insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
3.0	259100	259101	259102	259103
3.5	259104	259105	259106	259107
4.0	259108	259109	259110	259111
4.5	259112	259113	259114	259115
5.0	259116	259117	259118	259119
5.5	259120	259121	259122	259123
6.0	259125	259126	259127	259128

Orifice	0°	15°	25°	40°
6.5	259130	259131	259132	259133
7.0	259135	259136	259137	259138
7.5	259140	259141	259142	259143
8.0	259145	259146	259147	259148
8.5	259150	259151	259152	259153
9.0	259155	259156	259157	259158
10.0	259160	259161	259162	259163

Landa Part No., use the following part numbering key.

example: 4-01407500

4-014
prefix

075
orifice size (7.5)

00
fan size (0°)

Fan Sizes Available

0°, 15°, 25° and 40°
see chart on page 59
for orifice size



Q-Style Chemical Nozzle

Q-Style Chemical Nozzles, are brass with a large #40 orifice and 65° spray angle. Ideal for low pressure chemical applications.

Orifice	Part No.	Spray Angle
40	4-16540	65°

Spraying Systems Nozzles



Spraying Systems Co.®



1/4" Male Threads

- Orifice recessed for protection
- 4000 PSI rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

1/4" male pipe thread nozzles, rated up to 4000 PSI. Hardened stainless steel nozzle insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
2.0	251100	251105	251110	251115
2.5	251113	251116	251119	—
3.0	251120	251125	251130	251135
3.5	251140	251145	251150	251155
4.0	251160	251161	251165	251170
4.5	251175	251180	251185	251190
5.0	251195	251200	251205	251210
5.5	251215	251220	251225	251230
6.0	251235	251240	251245	251250
6.5	251255	251260	251265	251270
7.0	251275	251280	251285	251290
7.5	251300	251305	251310	251315
8.0	251320	251325	251330	251335
8.5	251340	251345	251350	251355

Orifice	0°	15°	25°	40°
9.0	251360	251365	251370	251375
10.0	251380	251385	251390	251395
11.0	251400	251405	251410	251415
12.0	251420	251425	251430	251435
12.5	251440	251445	251450	251455
13.0	251460	251465	251470	251475
15.0	251480	251485	251490	251495
20.0	251500	251505	251510	251515
25.0	251520	251525	251530	251535
30.0	251540	251545	251550	251555
40.0	251560	251565	251570	251575
50.0	251580	251585	251590	251595
60.0	251600	251605	251610	251615

Landa Part No., use the following part numbering key.

example: 4-01403025S **4-014** **030** **25** **S**
 prefix orifice size (3.0) fan size (25°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 59
 for orifice size



1/8" Male Threads

- Orifice recessed for protection
- 4000 PSI rated working pressure
- ± 2% flow tolerance @ 70°F
- Hard edge pattern, light center requires overlap to cover center

1/8" male pipe thread nozzles, rated up to 4000 PSI. Hardened stainless steel nozzle insures consistent, accurate orifice size.

Orifice	0°	15°	25°	40°
2.0	250100	250105	250110	250115
3.0	250120	250125	250130	250135
3.5	—	250137	250138	—
4.0	250140	250145	250150	250155
4.5	250160	250165	250170	250175
5.0	250180	250185	250190	250195
5.5	250200	250205	250210	250215
6.0	250220	250225	250230	250235
6.5	250240	250245	250250	250255
7.0	250260	250265	250270	250275

Orifice	0°	15°	25°	40°
7.5	250280	250285	250290	250295
8.0	250300	250305	250310	250315
8.5	250320	250325	250330	250335
9.0	250340	250345	250350	250355
9.5	—	250365	250370	250375
10.0	250380	250385	250390	250395
11.0	250400	250405	250410	—
12.0	250420	—	—	250435
15.0	250440	250445	250450	—
20.0	250500	—	—	—

Landa Part No., use the following part numbering key.

example: 4-01803515S **4-018** **035** **15** **S**
 prefix orifice size (3.5) fan size (15°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 59
 for orifice size



QC "Wash Jet" Nozzle Color Coded Nozzle Protector

- 4000 PSI
- Flow rated tolerance of ±2%
- Hardened SS
- 300°F
- Fits Hansen and Parker quick-couplers

"QC" or Quick Connect Hardened Stainless Nozzle, fits most 1/4" quick couplers. Rated for 4000 PSI.

Orifice	0° Red	15° Yellow	25° Green	40° White
4.0	255160	255161	255165	255170
4.5	255175	255180	255185	255190
5.0	255195	255200	255205	255210
5.5	255215	255220	255225	255230
6.0	255235	255240	255245	255250
6.5	255255	255260	255265	255270

Orifice	0° Red	15° Yellow	25° Green	40° White
7.0	255275	255280	255285	255290
7.5	255300	255305	255310	255315
8.0	255320	255325	255330	255335
9.0	—	255365	255370	255375
10.0	255380	255385	255390	255395
12.0	255420	255425	255430	255435

To order correct nozzle size, use the following part numbering key.

example: 4-12802040S **4-128** **020** **40** **S**
 prefix orifice size (2.0) fan size (40°) suffix

Fan Sizes Available

0°, 15°, 25° and 40°
 see chart on page 59
 for orifice size

Brass Nozzles for Low Pressure Applications



1/4" Male Threads

- Feather edge for wide coverage
- Allows overlap for even application
- Excellent for low pressure chemical & acid applications
- 1/4" MPT connects

1/4" male pipe thread nozzles, Brass inexpensive alternative for applications up to 700 PSI.

Nozzle Size	0°	15°	25°	40°	50°	65°
15	254260B	254261B	254262B	254264B	254265B	254266B
20	254270B	254271B	254272B	254274B	254275B	254276B
30	254290B	254291B	254292B	254294B	254295B	254296B
40	254300B	254301B	254302B	254304B	254305B	254306B
50	254310B	254311B	254312B	254314B	254315B	254316B
60	254320B	254321B	254322B	254324B	254325B	254326B
70	254330B	254331B	254332B	254334B	254335B	254336B

Broad Spray Stainless Steel Nozzles



1/4" Male Threads

1/4" male pipe thread 303 stainless steel nozzles, low to medium volume up to 1500 PSI medium pressure/ special application.

Nozzle Size	Equiv Orifice Dia	50°	65°	80°	95°	110°
1.0	.026	254105	254106	254107	254108	254109
1.5	.031	254115	254116	254117	254118	254119
2.0	.036	254125	254126	254127	254128	254129
3.0	.043	254135	254136	254137	254138	254139
4.0	.047	254145	254146	254147	254148	254149
5.0	.053	254155	254156	254157	254158	254159
6.0	.058	254175	254176	254177	254178	254179
7.0	.063	254195	254196	254197	—	254199
8.0	.067	254215	254216	254217	254218	254219

Tip-Jet Nozzle System - Tips & Components



Tip-Jet Tips

- Neat & simple tip change
- Hardened stainless steel tips with vanes
- Strainers available
- Body components available in brass, zinc-plated steel or stainless steel
- Rated to 4000 PSI

"Tip-Jet" Nozzle Systems are versatile nozzling systems for everyday or specialized applications. Also on page 34. **Flat spray, full cone, hollow cone & solid stream patterns**, metering orifices and atomizing tips are all available in the Tip-Jet system. Capacities range from .55 to 20 GPM.

Orifice Size	0°	15°	25°	40°
3.0	253316	253317N	253318	—
4.0	253330	253331	253332	253333
4.5	253338	253339	253340	253341
5.0	253346	253348	253349	253350
5.5	253355	253357	253358	253359
6.0	253365	253367	253368	253369

Orifice Size	0°	15°	25°	40°
6.5	253375	—	253377	253378
7.0	253383	253385	253386	253387
7.5	253392	253393	253394	253395
8.0	253400	253401	253402	253403
9.0	253415	253416	253417	253418
10.0	253456	253457	253458	253459



Tip-Jet Nozzle Bodies

Tip-Jet Nozzle Bodies, MPT inlet connections in 1/4", 3/8" and 1/2" sizes. All outlet connections are 11/16" - 16 male thread to fit Tip-Jet tip retainers and adapters.

Part No.	Material, MPT
252511	Nylon, 1/4"
252640B	Brass, 1/4"
252642	SS, 1/4"
252861P	Polypropylene, 1/4"



Tip-Jet Retainer Caps

Tip-Jet Retainer Caps, fits all Tip-Jet nozzle bodies, holds spray tips and metering orifices firmly in place.

Part No.	Material, MPT
252858B	Brass, Hex
252875	Plated Steel, Hex
252565	SS, Hex

Tip-Jet Strainers, fit into nozzle body cavity to stop nozzle clogging.

Part No.	Material
252627	50 Mesh, Brass w/ SS Mesh
252629	100 Mesh, Brass w/ SS Mesh
252631	200 Mesh, Brass w/ SS Mesh



Tip-Jet Adapter Caps

Tip-Jet Adapter Caps, similar to tip retainers, but have FPT connections for in-line applications.

Part No.	Material, MPT
252878B	Brass, 1/8"
252880B	Brass, 1/4"
252881	SS, 1/4"



Tip-Jet Strainers

Soap Nozzles



“Black” Soap Nozzles, are brass with a large #40 orifice. Ideal for low pressure chemical applications.



Spraying Systems Co.

25°

Part No.	Orifice
255905B	40

65°

Part No.	Orifice
255920B	40

Rotomax Rotating Nozzle 3500 & 5800 PSI



- Up to 5800 PSI
- 1/4" FPT inlet
- 176°F
- Weight 1.1 lbs
- Replaceable SS orifices

Part No.	Description	Std Nozzle Equiv	PSI
4-2014	Rotomax I	4.5	3500
4-2013	Rotomax II	5.5	3500
4-2012	Rotomax III	6.5	3500
374216	Rotomax 401	4.5	5800
374217	Rotomax 403	6.5	5800
1-190040	Repair Kit		

Viper Rotating Nozzle



- 5000 PSI
- 190°F
- 1/4" FPT inlet
- Weight 1.1 lbs

Part No.	Description	Std Nozzle Equiv	PSI
4-2018	Viper	4.5	5000
4-2017	Viper	5.5	5000
080004	Repair Kit	4.5	5000
080006	Repair Kit	5.5	5000

Rotojet 3000 / Rotojet 5000

0° Impact, 25° pattern, no gears – no teeth – no bearings. Exclusive design of the Rotojet 3000 / Rotojet 5000 eliminates start up impact and damage to internal nozzle.

- High strength forged brass
- Precision ceramic orifice and matching race

- Durable rubber/ plastic cover
- 190°F (except on 3000's)

- 1/4" FNPT



Rotojet 3000

3000 PSI Part No.	Size	PSI
374130	3.0	3000
4-2020	3.5	3000
4-2021	4.0	3000
4-2022	4.5	3000

3000 PSI Part No.	Size	PSI
4-2023	5.0	3000
4-2024	5.5	3000
4-2025	6.0	3000

Must start with nozzle pointed down



Rotojet 5000

Repair Kit Part No.	Size	PSI
109297	3.0	3000
89-0204107330	3.5	3000
89-0204107340	4.0	3000
89-0204107350	4.5	3000

Repair Kit Part No.	Size	PSI
89-0204107360	5.0	3000
89-0204107370	5.5	3000
89-0204107380	6.0	3000

5000 PSI Part No.	Size	PSI
374142	3.0	5000
374143	3.5	5000
4-2030	4.0	5000
4-2031	4.5	5000
4-2032	5.0	5000
4-2033	5.5	5000
4-2034	6.0	5000

5000 PSI Part No.	Size	PSI
374151	6.5	5000
4-2035	7.0	5000
4-2036	8.0	5000
374158	9.0	5000
374160	10.0	5000
374162	11.0	5000
4-2037	12.0	5000

Repair Kit Part No.	Size	PSI
109428	3.0	5000
109429	3.5	5000
89-0204106910	4.0	5000
89-0204106915	4.5	5000
89-0204106920	5.0	5000
89-0204106925	5.5	5000
89-0204106930	6.0	5000

Repair Kit Part No.	Size	PSI
109435	6.5	5000
89-0204106940	7.0	5000
89-0204106950	8.0	5000
109438	9.0	5000
109439	10.0	5000
109440	11.0	5000
89-0204106990	12.0	5000

NOZZLES

Dirt Killer Rotating Nozzle



4-20091

4700 maximum PSI, popular model that provides great impact and cleaning power.

- 180°F maximum temperature
- 1/4" inlet

Part No.	Orifice	PSI
4-20091	045	3200
4-200910	Repair Kit	

Part No.	Orifice	PSI
4-20092	055	4700
4-200920	Repair Kit	

Suttner Turbo Nozzles



ST-357 -
3600 PSI

- Forged brass
- Precision ceramic orifice

- Rubber cover/ protector
- 190°F

Part No.	Size	PSI
374103	3.0	3600
374104	3.5	3600
374106	4.0	3600

Part No.	Size	PSI
374105	4.5	3600
374107	5.0	3600

Part No.	Size	PSI
374109	5.5	3600
374108	6.0	3600

ST-357 Repair Kit	Size	PSI
085458	3.0	3600
085457	3.5	3600
085452	4.0	3600

ST-357 Repair Kit	Size	PSI
085449	4.5	3600
085453	5.0	3600

ST-357 Repair Kit	Size	PSI
085456	5.5	3600
085454	6.0	3600



ST-457 -
5800 PSI

Part No.	Size	PSI
374300	3.0	5800
374301	3.5	5800
374302	4.0	5800
374303	4.5	5800

Part No.	Size	PSI
374304	5.0	5800
374305	5.5	5800
374306	6.0	5800

Part No.	Size	PSI
374308	7.0	5800
374309	8.0	5800
374310	10.0	5800

ST-457 Repair Kit	Size	PSI
085465A	3.0	5800
085465	3.5	5800
085466	4.0	5800
085467	4.5	5800

ST-457 Repair Kit	Size	PSI
085468	5.0	5800
085469	5.5	5800
085470	6.0	5800

ST-457 Repair Kit	Size	PSI
085472	7.0	5800
085473	8.0	5800
085474	10.0	5800

Rotojet 2000

Economy Turbo Nozzle.



- Great economy washer
- 2000 PSI
- 1/4" FPT inlet

- 140°F
- 5.4 oz weight

Part No.	Orifice	Color	PSI
374175	3.0	Yellow	2000
374176	3.5	Black	2000

Part No.	Orifice	Color	PSI
374177	4.0	Blue	2000

High Pressure Nozzle Filters

- 1/4" MPT outlet
- 300°F
- 100 mesh screen
- 5000 PSI

Part No.	Material	Inlet	Outlet
2-99071	Brass	1/4" FPT	1/4" MPT
342042	Brass	1/4" QC	1/4" MPT
2-990712	416 SS	1/4" QC	1/4" MPT
347098	Brass	1/4" MPT	1/4" MPT



2-99071



2-990712



342042



347098

MV Hi-lo Turbo Nozzle



Combines the power of a 0° stream and a 20° wide angle spray pattern to improve cleaning. Hi-Lo pressure feature eliminates changing to a low pressure nozzle for soap and chemical application.



374296

Part No.	Orifice	PSI
374293	025	2500
374294	030	2500
374295	035	2500
374296	040	2500

MV Triple Function Nozzle



Provides three cleaning options, Low pressure for soap or chemical application, a 15° angle for hi pressure cleaning and a rotating nozzle for maximum cleaning efficiency.



374292

Part No.	Orifice	PSI
374291	035	3000
374292	040	3000

Rotojet Soft - Hard Rotating Nozzle



Offers the cleaning efficiency of a hi-pressure rotating nozzle with the feature of changing from a hard spray for concrete to a soft spray for wood by simply pushing or pulling the finger protected nozzle.



374247

Part No.	Orifice	PSI
374245	030	3600
374246	035	3600
374247	040	3600
374248	045	3600

Rotojet 5000 with Rotation Controller



Offers the ability to adjust from the standard number of rotations to a lesser amount for optimum impact and cleaning efficiency.



374242

Part No.	Orifice	PSI
374241	035	5000
374242	040	5000
374243	045	5000
374244	050	5000

PA Turbo Nozzle

Provides great impact and cleaning power



374362

Part No.	Orifice	PSI
374362	4.0	3650
374364	5.0	3650

Part No.	Orifice	PSI
374366	6.0	3650
374368	8.0	3650

Part No.	Orifice	PSI
374352	4.0	5100
374353	4.5	5100
374354	5.0	5100

Part No.	Orifice	PSI
374355	5.5	5100
374359	8.0	5100

NOZZLES

Duo-Reg Nozzle



Duo-Reg Nozzles are designed for Industrial use and priced for ALL applications. Easy Push/Pull low to high pressure change and easy turn to adjust from 0° to 80° fan pattern.

- Stainless steel replaceable orifices
- 3000 PSI capability
- 300°F

- 1/4" FPT connect
- Tough glass-filled nylon cover
- Compact size: 3-3/8" long, 1-3/16" diameter, 5.7 oz weight

Part No.	Color	Orifice Angle
374030	Yellow	3.0
374035	White	3.5
374040	Blue	4.0
374045	Brown	4.5

Part No.	Color	Orifice Angle
374050	Green	5.0
374055	Sky	5.5
374060	Black	6.0
374065	–	6.5

Part No.	Color	Orifice Angle
374070	–	7.0
374075	–	7.5
374080	–	8.0



Multi-Fan Nozzle



Adjust from maximum Impact Zero Stream to 80° Wide Angle Spray with a Twist of the Nozzle Body.

- 1/4" FPT connect
- 2900 PSI
- Replaceable SS orifices
- SS deflector
- 210°F

Part No.	Color	Orifice Angle
373352	Yellow	3.0
373353	White	3.5
373354	Blue	4.0
373356	Brown	4.5

Part No.	Color	Orifice Angle
373357	Green	5.0
373358	Sky	5.5
373359	Gray	6.0
373360	–	6.5

Part No.	Color	Orifice Angle
373361	–	7.0
373362	–	7.5
373363	–	8.0



HL250 High / Low Variable Angle Nozzles



Push/Pull for easy change between high and low pressure; simple twist to adjust 0° – 80° spray fan pattern.

- Stainless steel replaceable orifice
- 4000 PSI
- 200°F
- Durable glass-filled nylon cover
- 1/4" FPT inlet
- Weight .4 lbs

Part No.	Color	Orifice Angle
374086	Light Green	2.0
374087	Pink	2.5
374088	White	3.0
374090	Brown	3.5

Part No.	Color	Orifice Angle
374091	Dark Yellow	4.0
374092	Blue	4.5
374093	Purple	5.0
374094	Dark Red	5.5

Part No.	Color	Orifice Angle
374095	Dark Green	6.0
374096	Light Blue	6.5
374097	Orange	7.0
374098	Silver	8.0



Interchangeable Orifices - fit nozzles on this page



Orifice sizes for Duo-Reg, Multi-Fan and VapJet nozzles correspond to standard “MEG” orifice diameters – Multi-Reg sizes relate ONLY to metric orifice diameter.

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084021	.043	3.0	n/a
084023	.048	3.5	n/a
084025	.051	4.0	3.0
084026	.053	n/a	3.5
084027	.055	4.5	4.0

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084028	.057	5.0	4.5
084029	.059	5.5	5.0
084030	.061	6.0	5.5
084031	.063	6.5	6.0

Part No.	Orifice Dia	Fits Duo-Reg	Fits Multi-Reg
084032	.065	n/a	6.5
084033	.067	7.0	7.0
084034	.069	7.5	7.5
084035	.071	8.0	8.0

Double Nozzle Head



- Durable machined brass body
- Stainless steel ball
- Chemical-resistant
- Heavy nickel plate
- 3600 PSI
- 300°F
- Up to 10 GPM flow for low side pressure at 250 PSI
- 1/4" female inlet, 2 female outlets
- New ball guide & seat

Part No.	Description
373058A	Double Nozzle Head

Rollover Nozzle - Twist-Type

Holds 2 MEG nozzles on opposite sides for positive change from chemical application to high pressure rinse.



- Nickel-plated brass body
- 180°F
- 1000 PSI

Part No.	Description
373054	Dual 1/4" FPT in/out
075020X	Repair Kit

ST-56 Rollover Nozzle Head **SUTTNER**



- Brass body
- 8 GPM
- 3600 PSI
- 300°F
- Glass-filled polyamide cover
- 1/4" FPT inlet & outlet

Part No.	Description
373056	Rollover Nozzle Head

ST-51N Adjustable Nozzle **SUTTNER**

Nozzle Holder allows water to be diverted around the Fixed Orifice Nozzle, dropping the pressure and allowing the Chemical Injector to operate.



- Attaches to 1/4" MPT lance
- Accepts 1/4" MEG nozzles
- 8.0 GPM
- 300°F
- 3600 PSI
- 5.9 oz weight

Part No.	Description
373051	ST-51N

Adjustable Nozzle



Compact full feature unit weighs only 4.3 oz, same functions as ST-51N.



- 10 GPM
- 3600 PSI
- 300°F
- Machined brass body
- Nylon adjustment knob
- 1/4 FPT inlet/outlet

Part No.	Description
373051P	Adjustable Nozzle

Stainless Steel Sewer Nozzles



- 4100 PSI
- Corrosion Resistant Stainless Steel
- One Forward Orifice
- Three Rear Orifices

Part No.	Size
373075	1/8" FPT 5.0
373076	1/8" FPT 5.5
373077	1/8" FPT 6.0
373078	1/4" FPT 6.5
373079	1/4" FPT 7.0
373080	1/4" FPT 9.5

Tube Cleaning Nozzles



- Standard sewer nozzle
- Blast forward and back
- Clears clogs and flushes out lines
- 4200 PSI

Part No.	Nozzle	Size
373024 (back jet only)	1/8"	5.0
4-01916	1/8"	5.5
4-019101	1/4"	4.5
4-01911	1/4"	5.5
4-01913	1/4"	6.0
4-01914	1/4"	7.5
373028	1/4"	8.0
373032	1/4"	12.0
373038	3/8"	4.0
373037	3/8"	5.5
373039	3/8"	8.5
373036	3/8"	12.0
373035	3/8"	14.0



- Rotating sewer nozzle
- Adds extra agitation
- 3000 PSI
- **Back Jet Only**
- More sewer cleaning accessories, page 21

Part No.	Description	Nozzle	Size
Rotating Nozzle			
4-01917		1/8"	5.5
4-01918		1/4"	5.5
4-01919		1/4"	8.0
373040*	Duct Cleaner	1/4"	5.5

* Duct Cleaner jet to sides instead of reverse

NOZZLES

Steam Nozzle



Steam Nozzle Blank



Flat Steam Nozzle

- One-piece brass
- 1450 PSI
- Steam Nozzle - 1/4" F
- Steam Blank - 3/8" M

Part No.	Description
373710	Flat Steam Nozzle, 1.5mm
4-2000	Steam Nozzle Blank – Drill to Size
373705	Nozzle Blank – Drilled to 1.6mm

Nozzle Protector / Coupler



- Protect nozzles and finished surfaces
- Deep nozzle recess
- Tough plastic protector
- 1/4" FPT coupler inlet

Part No.	Description
373002	1/8" Nozzle
373004	1/4" Nozzle

Lance Nozzle Couplers

Changes MPT Lance to FPT for Mounting MPT Nozzles.



Part No.	Description
Brass	
2-1013	1/8" x 1/8"
2-1095	1/4" x 1/8"
2-1014	1/4" x 1/4"
Steel	
368903	1/8" X 1/8"
368902	1/4" x 1/8"
368904	1/4" x 1/4"

Slip-On Nozzle Protector

A durable, easy-to-use nozzle protector. Plastic rubber compound – FLEXIBLE but TOUGH.



- 1-1/2" diameter at flare-end
- Slip-fits standard lances
- 2-1/2" long
- Only 1.2 oz!
- Slip onto Lance
- Attach Nozzle Coupler & Nozzle
- Slide Protector Forward for COMPLETE NOZZLE PROTECTION

Part No.	Description
373006	Slip-on Nozzle Protector

Rosebud Nozzle Guard

Molded Rubber Guard which fits tightly around the nozzle to protect the nozzle and painted surfaces.



- 1/8" MEG

Part No.	Description
373012	Nozzle Guard

Compact Foamer



Generates a high density clinging foam for extended dwell time to increase chemical action



- Stainless steel, aluminum and brass
- 5" long, 1" diameter
- 4 and 6.5 nozzle included
- 1 to 5 GPM
- 2500 PSI
- 195°F

Part No.	Description
344022V	1/8" F Inlet
344023V	1/4" F Inlet

NOTES: Most cleaning chemicals perform best when applied at 120° - 150°F and can be applied as a foam by adding a foaming agent. See your chemical supplier to obtain the correct product.

Foam Cannon

The Ideal Foam Generator Application Accessory meters the foaming chemical for customized foam type and applies the foam to match the application.



- Stainless Steel 1.5mm orifice (#5.5 nozzle equivalent)
- Brass meter valve
- High impact glass-filled body
- 4.8 GPM
- 3000 PSI
- 176°F
- SS Foam Turbulator
- 1/4" FPT lance connect

Part No.	Description
344030	Foam Cannon/ Injector
344032	Foam Cannon/ Injector/Bottle

LANDA Pumps



LX Series



The LX series pump is the patriarch of the line, delivering enough volume and pressure for the beefiest of pressure Washer.

- Up to 10.6 GPM and 5000 PSI
- 10% lower RPM than comparable pumps
- Extra-heavy duty crankshaft and bearings
- 10mm head bolts made of 12.9 class steel



Part No.	Model No.	Part No.	Model No.	GPM	PSI	HP	RPM	Shaft
5-1738	LX5050-Right	5-1739	LX5050-Left	5.0	5000	13.0	1660	25mm
5-1742	LX8030-Right	5-1743	LX8030-Left	8.0	3000	16.5	1460	25mm
5-1749	LX1025-Right	5-1748	LX1025-Left	10.6	2500	16.5	1725	25mm

LANDA's unique design that delivers the same performance as other pumps but at 10% lower RPM.

- Up to 6 GPM and 4000 PSI
- 10% lower RPM than comparable pumps
- Unique snug-fit design for heavy-duty valves
- Durable ceramic plunger with mirror finish



Part No.	Model No.	Part No.	Model No.	GPM	PSI	HP	RPM	Shaft
5-1726	LT4040-Right			4.0	4000	11.0	1030	25mm
5-1724	LT4035-Right	5-1725	LT4035-Left	4.2	4000	11.0	1325	25mm
5-1728	LT5030-Right			5.0	3000	13.5	1060	25mm
5-1730*	LT5030/H-Right			5.0	3000	13.5	1060	25mm
5-1732	LT6035-Right	5-1733	LT6035-Left	6.0	3500	14.5	1540	25mm

*High heat valves and packing for SEA units.

The LM series is a heavy-duty pump designed for a broad range of applications generally from 4 to 5 GPM and from 3000 to 3500 PSI.

- Up to 5 GPM and 3500 PSI
- 10% lower RPM than comparable pumps
- Copper-plated plunger guide lined with low-friction, teflon bronze and lead bushing



Part No.	Model No.	GPM	PSI	HP	RPM	Shaft
5-1710	LM4030-Right	4.0	3000	8.2	1000	24mm
5-1720	LM4035-Right	4.2	3500	7.5	1300	24mm
5-1722*	LM4035/H-Right	4.2	3500	7.5	1300	24mm
5-1715	LM5030-Right	5.0	3000	13.5	1550	24mm

*High heat valves and packing for SEA units.

The LS series is designed specifically as a direct drive pump for gas engines.

- Up to 5 GPM and 4000 PSI
- Durable ceramic plunger w/mirror finish
- Set screw for engine shaft



Part No.	Model No.	GPM	PSI	HP	RPM	Shaft
5-1760	LS3040G	3.0	4000	9.0	3400	1" Hollow
5-1761	LS3540G	3.5	4000	11.0	3400	1" Hollow
5-1762	LS4040G	4.0	4000	13.0	3400	1" Hollow
5-1763	LS5030G	5.0	3000	16.0	3400	1" Hollow



LT Series



LM Series



LS Series



LE Series



LD Series



LG Series

LANDA's LE, LD and LG pump series



Part No.	Model No.	GPM	PSI	HP	RPM	Shaft
Landa LE Series - Hollow shaft pumps for direct drive electric units						
5-1701	LE2020F	2.1	2000	5.0	3450	5/8"
5-1702	LE2020S	2.1	2000	5.0	1725	5/8"
5-1705	LE3525F	3.5	2500	5.0	3450	5/8"
Landa LD Series - Solid shaft pumps for belt drive units						
5-1706	LD3030H	3.0	3000	9.0	1650	25mm
5-1708	LD4020	4.0	2000	5.0	1550	25mm
5-1709	LD3030	3.0	3000	9.0	1650	25mm
Landa LG Series - Hollow shaft pumps for direct drive gas units						
5-1750	LG2530G	2.5	3000	11.0	3400	3/4"
5-1752	LG3030G	3.0	3000	13.0	3400	3/4"

LANDA Pump Repair Kit Selection Chart

Use the selection chart below to find the correct repair kits for the specific LANDA Pump Model.



Pump Model	Valves	Packings	Packing w/Brass	Plunger Oil Seals	Ceramic Plunger Kit*	Pump Model	Valves	Packings	Packing w/Brass	Plunger Oil Seals	Ceramic Plunger Kit*
LM-4030	70-260007	70-260821	70-260810	70-260023	70-260822	LS-5030G	70-260007	70-260824	70-260825	70-260027	70-260823
LM-4035	70-260007	70-261216	70-261210	70-260023	70-261217	LX-8030	70-260025	70-260207	70-260208	70-260023	70-260209
LM-4035H	70-260007	70-261212	70-261213	70-260023	70-261217	LX-1025	70-260025	70-260207	70-260208	70-260023	70-260209
LM-5030	70-260007	70-260821	70-260810	70-260023	70-260822	LX-5050	70-260018	70-260216	70-260217	70-260023	70-261217
LT-4035	70-260007	70-260020	70-261211	70-260023	70-260024	LE-2020F	70-260028	70-261408	70-261409	70-260826	70-261404
LT-4040	70-260007	70-260020	70-261211	70-260023	70-260024	LE-2020S	70-260028	70-261410	70-261411	70-260826	70-261405
LT-5030	70-260007	70-260110	70-260811	70-260023	70-260112	LE-3525F	70-260028	70-261408	70-261409	70-260826	70-261404
LT-5030H	70-260007	70-262922	70-262921	70-260023	70-260112	LD-3030H	70-260028	70-261412	70-261413	70-260826	70-261404
LT-6035	70-260007	70-260020	70-261211	70-260023	70-260024	LD-4020	70-260028	70-261410	70-261411	70-260826	70-261405
LS-3040G	70-260007	70-260824	70-260825	70-260027	70-260823	LD-3030	70-260028	70-261408	70-261409	70-260826	70-261404
LS-3540G	70-260007	70-260824	70-260825	70-260027	70-260823	LG-2530G	70-260028	70-261408	70-261409	70-260826	70-261404
LS-4040G	70-260007	70-260824	70-260825	70-260027	70-260823	LG-3030G	70-260028	70-261408	70-261409	70-260826	70-261404

*Includes bolt, Washer, o-ring, teflon ring and ceramic plunger

LANDA Pump Repair Kits



Original Factory Direct Repair Kits. See above for kit selection chart. Individual parts are also available. See exploded view of pump for individual part numbers.

Part No.	Kit Description
70-260007	Valve Kit, LM, LT, LS Series
70-260018	Valve Kit, LX5050
70-260020	Plunger Seals, 20mm LT Series
70-260023	Plunger Oil Seals, LM, LT, LS Series
70-260024*	Plunger, 20mm, LT4035
70-260025	Valves, LX8030, LX1025
70-260027	Plunger Oil Seals, LS
70-260028	Valve Kit, LE, LD, LG Series
70-260110	Plunger Seals, 22mm, LT5030
70-260112*	Plunger, 22mm, LT5030
70-260207	Plunger Seals, 25mm, LX8030, LX1025
70-260208	Packing Assy, 25mm, LX8030, LX1025
70-260209	Plunger, 25mm, LX8030, LX1025
70-260216	Plunger Seals, LX5050
70-260217	Complete Seal Packing, LX5050
70-260810	Complete Seal Packing, 20mm, LM4030, LM5030
70-260811	Complete Seal Packing, 22mm, LT5030
70-260821	Plunger Seals, 20mm, LM5030
70-260822*	Plunger, 20mm, LM5030
70-260823*	Plunger, 15mm, LS Series
70-260824	Plunger Seals, 15mm, LS Series
70-260825	Complete Seal Packing, 15mm, LS Series
70-260826	Plunger Oil Seals, LE, LD, LG Series
70-261210	Complete Seal Packing, 18mm
70-261211	Complete Seal Packing, 20mm, LT Series
70-261212	Plunger Seal, 18mm, Hot Kit, LM4035H
70-261213	Packing Assy, 18mm, Hot Kit, LM4035H
70-261216	Plunger Seals, 18mm, LM4035
70-261217*	Plunger, 18mm, LM4035, LX5050
70-261404	Plgr, 15mm, LE2020F, LE3525F, LD3030H, LD3030, LG srs
70-261405	Plunger, 18mm, LE2020S, LD4020
70-261408	Plng. Seal, 15mm, LE2020F, LE3525F, LD3030, LG series
70-261409	Complete Seal Pkng, LE2020F, LE3525F, LD3030, LG srs
70-261410	Plunger Seal, 18mm, LE2020S, LD4020
70-261411	Complete Seal Packing, 18mm, LE2020S, LD4020
70-261412	Plunger Seal, 15mm LD3030H
70-261413	Complete Seal Packing, 15mm, LD3030H
70-262922	Plunger Seal, 22mm, Hot Kit, LT5030H
70-262921	Packing Assy, 22mm, Hot Kit, LT5030H

*Includes bolt, Washer, o-ring, teflon ring and ceramic plunger

LANDA Pump Tool Kit



A Must for every Service Department.

Save time using the right tool for the job. The LANDA Pump Tool Kit, which can be purchase individually, includes the following:

Part No.	Kit Description
70-060202	Oil Seal Bushing Insertter for LT Plunger Rod
70-120604	Oil Seal Piston Insertter for LT Plunger Rod
70-120605	Oil Seal Piston Insertter for LM Plunger Rod
70-060203	Oil Seal Bushing Insertter for LM Plunger Rod
70-021506	Allen Wrench, 8mm for LT Manifold bolts
70-021501	Allen Wrench, 6mm for LM Manifold bolts
70-021505	Allen Wrench, 5mm for LM-LT Crankcase cover bolts
70-010114	Oil Seal Bushing Insertter for LT Crankshaft
70-010117	Oil Seal Bushing Insertter for LM Crankshaft
70-021502	Piston Seal Extractor
70-120608	"V" Seal Piston Insertter for LM Manifold
70-010104	"V" Seal Bushing Insertter for LM Manifold
70-120609	"V" Seal Piston Insertter for LT Manifold
70-010105	"V" Seal Bushing Insertter for LT Manifold
70-021504	Hammer, Plastic Head
70-070109	Plastic Tool Box

Part No.	Kit Description
70-241202	LANDA Pump Tool Kit (complete)

Interpump / General Pumps



Solid Shaft Pumps

Part No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
102033*	W72	T721	2.2	1200	1.7	1450	24mm
5-2300*	W73	T731	3.0	1200	2.4	1450	24mm
5-2302	W99	T991	3.5	1500	3.5	1450	24mm
102052L	W99-Left	T991	3.5	1500	3.5	1450	24mm
102048	WS92	TS921	4.75	1800	5.8	1450	24mm
5-23023	W92	T921	5.0	1700	5.8	1050	24mm
102046L	W92-Left	T921	5.0	1700	5.8	1050	24mm
102042	WS82	TS821	5.6	1500	5.6	1450	24mm
5-23040	WS101	TS1011	4.0	2000	5.4	1450	24mm
5-23042	WS101	TS1011-Left	4.0	2000	5.4	1450	24mm
5-2304	W101	T1011	4.5	2000	6.0	1125	24mm
5-23041	W101	T1011-Left	4.5	2000	6.0	1125	24mm
5-23013	WS133	TS1331	3.5	2100	5.0	1450	24mm
102074	WS132	TS1321	4.75	2100	6.8	1450	24mm
5-23026	W132	T1321	5.5	2100	7.9	1150	24mm
5-3225	WS151	TS1511	4.0	2500	6.8	1450	24mm
5-2332	WS151	TS1511-Left	4.0	2500	6.8	1450	24mm
102082	W151	T1511	4.5	2500	7.7	1125	24mm
102090	WS162	TS1621	4.75	2500	8.0	1450	24mm
102088	W162	T1621	5.0	2500	8.5	1050	24mm
102105	W201	T2011	4.5	3000	9.2	1125	24mm
5-2305	WS201	TS2011	4.0	3000	8.0	1450	24mm
5-2307	WS202	TS2021	5.6	3000	11.3	1450	24mm
5-2306	WS202-Left	TS2021	5.6	3000	11.3	1450	24mm
5-23005	W972	T9721	2.1	1000	1.5	1750	24mm
102162	W973	T9731	2.8	1100	2.0	1750	24mm
102167*	W979	T9791	2.5	1100	2.0	1750	24mm
5-23007*	W995	T9951	3.4	1300	3.0	1750	24mm
102174*	W996	T9961	4.0	1100	3.0	1750	24mm
5-2310	W997	T9971	4.0	2000	5.0	1750	24mm
102135	W912	T9121	4.75	1500	5.0	1750	24mm
102140	W913	T9131	4.0	1900	5.0	1750	24mm
102145	W916	T9161	4.75	2300	7.5	1750	24mm
5-23004	W921	T9211	4.0	2900	7.5	1750	24mm
5-2320	W928	T9281	4.0	4000	11.0	1750	24mm
5-2321	W928	T9281-Left	4.0	4000	11.0	1750	24mm
5-2331	T5050	T5050	5.0	5000	11.0	1845	24mm
5-2330	T5050-Left	T5050	5.0	5000	11.0	1845	24mm
5-23011	-	TT9111	3.0	1500	3.0	1750	24mm
102049	WW93	TT931	2.9	1500	3.0	2800	24mm
5-23018	WW94	TT941	3.43	1300	3.0	2800	24mm
102099	WW935	TT9351	3.5	2500	5.0	3400	24mm
5-23019	WW944	TT9441	4.4	2500	7.5	3400	24mm
5-23019	WW944-Left	TT9441	4.4	2500	7.5	3400	24mm

*Duplex Pump

Series "44" (EZ Series) Solid Shaft Pumps

Part No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
102313	W956	EZ2536S	3.6	2500	6.0	1750	24mm
102313	W956-Left	EZ2536S	3.6	2500	6.0	1750	24mm
5-23130	W959	EZ2542S	4.2	2500	7.0	1750	24mm
5-23131	W959	EZ2542S-Left	4.2	2500	7.0	1750	24mm
5-23132	W186	EZ3040S	4.0	3000	8.0	3400	24mm
5-2315	W959	EZ3042S	4.2	3000	9.0	1750	24mm
5-2316	W959	EZ3042S-Left	4.2	3000	9.0	1750	24mm
5-23171	-	EZ4040S34	4.0	4000	11.0	3400	24mm

Interpump / General Pumps (continued)



TX Solid Shaft Pump

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
102282	TX1510S34	4	3000	8.2	3400	24mm



TSF

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
102281	TSF2021	7	3600	17.3	1450	24mm
102277	TSF2221	10.2	3000	21	1750	24mm
102278	TSF2421	12	2500	20.5	1750	24mm



Large Frame Solid Shaft Pumps

Part No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
102004	W4A	T41A	12.0	900	7.2	650	35mm
5-23008	WS104	TS1041	8.0	1600	7.5	1450	35mm
102086	WS153	TS1531	8.0	2175	10.0	1450	35mm
102079	WS135	TS1351	11.0	2000	15.0	1450	32mm
5-2309	W163	T1631	10.0	2500	17.0	1080	32mm
102120	W203	T2031	9.0	3000	18.2	1140	32mm
102006	W6	T611	7.0	1000	11.6	650	35mm
102008	W8	T81	21.0	1000	14.5	650	35mm
102012	W12	T121	35.0	1000	24.0	650	35mm
102015	W15	T151	43.0	1000	29.7	650	35mm
5-2329	W425	T4251	6.6	5800	25.0	1000	35mm



Solid Shaft Car Wash Pumps

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia	Ship Wt LBS
102295	CW2040	5.0	2500	5.5	1250	24mm	30
102293	CW24	5.0	2500	8.6	1250	24mm	30
102286	CW3040	5.0	3000	8.3	1250	24mm	32
5-23081	CW1012	12.0	1200	10.0	900	24mm	46
102289	CW81	20.0	1200	18.0	1000	24mm	92



Hollow Shaft Direct Drive - Flange included

Part No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
5-23003	W905E	T9051E	2.11	1400	2.0	1750	5/8"
102202L	W905E-Left	T9051E	2.11	1400	2.0	1750	5/8"
5-23001	WW906E	TT9061E	2.1	1400	2.0	3400	5/8"
5-23010	WW907E	TT9071E	2.8	1500	3.0	3400	5/8"
5-23000	WW906G	TT9061G	2.1	1400	2.0	3400	3/4"
5-23017	WW907G	TT9071G	2.8	1500	2.8	3400	3/4"



EZ Series Hollow Shaft

Part No.	Interpump Model No.	GP Model No.	GPM	PSI	HP	RPM	Shaft Dia
102301	W956EZE	EZ2536E	3.6	2500	6.2	1750	1-1/8"
5-2314	W959EZE	EZ2542E	4.2	2500	7.2	1750	1-1/8"
5-23181	W950EZE	EZ2545E	4.5	2500	7.9	3400	1-1/8"
102304	W953EZE	EZ2555E	5.5	2500	9.0	3400	1-1/8"
102311	WW962EZG	EZ2545G	4.6	2500	7.9	3400	1"
5-2318	WW960EZG	EZ3035G	3.5	2500	6.0	3400	1"
5-2313	WW961EZG	EZ3040G	4.0	2500	6.8	3400	1"

Interpump / General Pumps (continued)

**Hollow Shaft Direct Drive** – Flanged for direct couple to electric motors

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia	Ship Wt LBS
102125	TT9111EBF	3.0	1500	3.0	1750	5/8"	14
102125L	TT9111EBF-Left	3.0	1500	3.0	1750	5/8"	14
102126	TT2021EBF	2.1	2000	3.0	3400	5/8"	14
5-23025	TT2028EBF	2.8	2000	4.0	3400	5/8"	14
5-2303	TT2035EBF	3.5	2000	5.0	3400	3/4"	14

Hollow Shaft Direct Drive – Flanged for direct couple to gasoline engines

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia	Ship Wt LBS
102130	TT1540GBF	4.0	1500	5.5	3400	3/4"	14
5-23022	TT2028GBF	2.8	2000	5.0	3400	3/4"	14
5-2301	TT2035GBF	3.5	2000	6.5	3400	3/4"	14
102122L	TT2035GBF-Left	3.5	2000	6.5	3400	3/4"	14

Hollow Shaft Direct Drive – EZ Series flanged for direct couple gasoline engines

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia	Ship Wt LBS
102324	EZ4030G34	3.0	4000	10.0	3400	1"	21
5-23161	EZ4035G34	3.5	4000	10.0	3400	1"	21
5-2317	EZ4040G34	4.0	4000	11.0	3400	1"	21

TX Series Hollow Shaft Direct Drive – flanged for direct couple to 184TC electric motor

Part No.	Model No.	GPM	PSI	HP	RPM	Shaft Dia
102335	TX1810E179	3.2	2000	4.4	1750	1 1/8
102336	TX1812E179	3.8	2000	5.2	1750	1 1/8

Interpump / General Pump Kit Selection Chart

Use this selection chart below and next page to find the correct repair kit for the specific Interpump / General Pump model.



Pump	Valve Kit	Oil Seal	Packings	Packing Assy.	Piston	Valve Cap	Piston Bolts	Head Ring	Crankshaft Seal
CW1012	Kit 62	Kit 37	Kit 113	Kit 67	1-69040109	–	Kit 74	Kit 65	Kit 32
EZ2542E	Kit 123	Kit 23	Kit 127	Kit 131	1-44040109	Kit 124	–	Kit 129	1-90169000
EZ2545E	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	–	Kit 90	1-90169000
EZ2542S	Kit 123	Kit 23	Kit 127	Kit 131	1-44040109	Kit 124	–	Kit 129	1-90164100
EZ3030G34	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	–	Kit 90	1-90169000
EZ3035G	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	–	Kit 90	1-90169000
EZ3040G	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	–	Kit 90	1-90169000

Interpump / General Pump Kit Selection Chart

Use this selection chart below to find the correct repair kit for the specific General Pump model.



Pump Model	Valves	Oil Seal Piston	Packings	Packing w/Brass	Pistons	Valve Caps	Piston Bolts	Head Rings	Crank Oil Seal
EZ3040S	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	—	Kit 90	1-90164100
EZ3042S	Kit 123	Kit 23	Kit 127	Kit 131	1-44040109	Kit 124	—	Kit 129	1-90164100
EZ3045G	Kit 123	Kit 23	Kit 88	Kit 130	1-52040009	Kit 124	—	Kit 90	1-90169000
EZ4035G34	Kit 123	Kit 23	Kit 153	Kit 156	1-44040266	Kit 124	—	Kit 155	1-90169000
EZ4040S34	Kit 123	Kit 23	Kit 153	Kit 156	1-44040266	Kit 124	—	Kit 155	1-90164100
T731	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90163400
T991	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90163400
T921	Kit 1	Kit 2	Kit 148	Kit 29	1-47040509	Kit 4	Kit 6	Kit 11	Kit 3
T1011	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 4	Kit 6	Kit 7	Kit 3
T1321	Kit 1	Kit 2	Kit 148	Kit 29	1-47040509	Kit 4	Kit 6	Kit 11	Kit 3
T1631	Kit 1	Kit 24	Kit 148	Kit 28	1-47040509	Kit 4	Kit 6	Kit 11	—
T4251	Kit 122	Kit 44	Kit 77	Kit 78	1-61040056	—	—	Kit 7	Kit 32
T5050	Kit 150	Kit 2	Kit 109	Kit 151	1-47040856	—	—	Kit 108	Kit 3
T9051EBF	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90164400
T9211	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 5	Kit 6	Kit 7	Kit 3
T9281	Kit 1	Kit 2	Kit 9	Kit 112	1-47040856	Kit 106	Kit 107	Kit 108	Kit 3
T9721	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90163400
T9731	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90164400
T9951	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90163400
T9971	Kit 1	Kit 23	Kit 19	Kit 27	1-50040409	Kit 4	Kit 6	Kit 21	1-90163400
TS1011	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 4	Kit 6	Kit 7	Kit 3
TS1021	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 4	Kit 6	Kit 7	Kit 3
TS1041	Kit 62	Kit 37	Kit 69	Kit 82	1-47040409	—	Kit 54	Kit 7	Kit 32
TS1321	Kit 1	Kit 2	Kit 148	Kit 29	1-47040509	Kit 4	Kit 6	Kit 11	Kit 3
TS1331-B	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 4	Kit 6	Kit 7	Kit 3
TS1511	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 4	Kit 6	Kit 7	Kit 3
TS1531	Kit 62	Kit 37	Kit 69	Kit 82	1-47040409	—	Kit 54	Kit 7	Kit 32
TS2011	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 5	Kit 6	Kit 7	Kit 3
TS2021	Kit 1	Kit 2	Kit 69	Kit 28	1-47040409	Kit 5	Kit 6	Kit 7	Kit 3
TT941	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90163400
TT2028	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90164400
TT2035	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90164400
TT9061	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90164400
TT9071	Kit 1	Kit 83	Kit 97	Kit 96	1-51040009	Kit 84	—	—	1-90164400
TT9111	Kit 1	Kit 83	Kit 141	Kit 140	1-51040166	Kit 84	—	—	1-90163400
TT9441	Kit 1	Kit 23	Kit 88	Kit 92	1-52040009	Kit 4	—	—	1-90163400

Pump	Valve Kit	Oil Seal	Packings	Valve Cap	Crankshaft Oil Seal
TSF2021	KIT 169	KIT 2	KIT 171	104800	KIT 3
TSF2221	KIT 169	KIT 2	KIT 173	107921	KIT 3
TSF2421	KIT 169	KIT 2	KIT 182	107923	KIT 3

Pump	Valve Kit	Oil Seal	Packings	Packing Assy.	Ceramic	Valve Cap	Int Ring	Short Packing	Soft Packing	Long Packing Kit	Seal Retainer
TX1510534	KIT 123	KIT 159	—	—	1-52040009	KIT 124	KIT 164	KIT 160	KIT 162	KIT 166	—
TX1810E179	KIT 123	KIT 159	KIT 161	KIT 167	1-52040009	KIT 124	KIT 165	—	—	—	KIT 163
TX1812E179	KIT 123	KIT 159	KIT 161	KIT 167	1-52040009	KIT 124	KIT 165	—	—	—	KIT 163

Genuine Interpump / General Pump Kits



We stock a complete selection of original General Pump repair kits. See previous page for our kit selection chart.

- Complete selection of repair kits

Part No.	Description
1-0001	Kit 1, Valve
1-0002	Kit 2, Piston Rod Oil Seal
1-0003	Kit 3, Crankshaft Oil Seal
1-0004	Kit 4, Valve Caps
1-0005	Kit 5, Valve Cap
1-0006	Kit 6, Piston Bolt
1-0007	Kit 7, Head Ring
1-0008	Kit 8HP, 20mm Packing
1-0008HP	Kit 8HP, new style Packing Kit
103009X	Kit 9, Packing Spacer
1-0010	Kit 10, Retainer 20mm Packing
1-0011	Kit 11, 22mm Head Ring
1-0012	Kit 12, 22mm Packing
1-0014	Kit 14, Retainer 22mm Packing
1-0015	Kit 15, Packing Adapter
1-0016	Kit 16, 24mm Packing
1-0017	Kit 17, 24mm Intermediate Ring
103018B	Kit 18, Packing Retainer
1-0019HP	Kit 19HP, 20mm Packing
1-0019	Kit 19, new style
1-0020	Kit 20, 20mm Intermediate Ring
1-0021	Kit 21, 20mm Head Ring
1-0022	Kit 22, 20mm Packing Retainer
1-0023	Kit 23, Piston Rod Oil Seal
1-0024	Kit 24, Piston Rod Oil Seal
1-0026	Kit 26, Piston Bolt
1-0027	Kit 27, 20mm Packing Assembly
1-0028	Kit 28, 20mm Packing Assembly
1-0029	Kit 29, 22mm Packing Assembly
1-0030	Kit 30, 24mm Packing Assembly
1-0032	Kit 32, Crankshaft Oil Seal
1-0037	Kit 37, Piston Rod Oil Seal
1-0038	Kit 38, 36mm Packing
1-0041	Kit 41, Packing Adapter
1-0044	Kit 44, Piston Rod Oil Seal
1-0050	Kit 50, Valve Kit
1-0051	Kit 51, Timax Maintenance
1-0058	Kit 58, K5 Maint.

Part No.	Description
1-0059	Kit 59, K3 Maint.
1-0060	Kit 60, K5 Complete Rebuild
1-0061	Kit 61, K3 Complete Rebuild
1-0062	Kit 62, Valve
1-0063	Kit 63, 30mm Packing
1-0064	Kit 64, Packing w/Intermed. Rings
1-0065	Kit 65, 30mm Head Ring
1-0066	Kit 66, Packing Spacer
1-0067	Kit 67, 30mm Packing Assembly
1-0069	Kit 69, 20mm Packing w/Restop
1-0070	Kit 70, K7 Maint.
1-0071	Kit 71, Intermed. Ring w/Restop
1-0072	Kit 72, Maint. Kit
1-0074	Kit 74, Piston Bolt
1-0077	Kit 77, 20mm Packing w/Restop
1-0079	Kit 79, 45mm Packing w/Restop
1-0080	Kit 80, 45mm Packing Assembly
1-0081	Kit 81, Intermediate Ring
1-0083	Kit 83, Oil Seal
1-0084	Kit 84, Valve Cap
1-0085	Kit 85, Complete Packing
1-0086	Kit 86, Packing Retainer
1-0087	Kit 87, Packing
1-0088	Kit 88, Packing EZ3040G
1-0089	Kit 89, Intermediate Ring
1-0090	Kit 90, Head Ring
1-0091	Kit 91, Packing Retainer
1-0092	Kit 92, Piston Seal
1-0093	Kit 93, Control Set W2
1-0094	Kit 94, Control Set
1-0095	Kit 95, KR Unloader
1-0096	Kit 96, Packing Assembly
1-0097	Kit 97, Packing
1-0098	Kit 98, ZKW1 Maint.
1-0102	Kit 102, Unloader Maint.
1-0105	Kit 105, P10 Maint.
1-0106	Kit 106, Valve Cap
1-0107	Kit 107, Piston Bolt Pump T9281
1-0108	Kit 108, Head Ring for T-9281
1-0109	Kit 109, 16mm Packing

Part No.	Description
1-0110	Kit 110, 16mm Intermediate Ring
1-0111	Kit 111, Packing Retainer 16 mm, Pump T9281
1-0112	Kit 112, 16mm Packing Assembly
1-0113	Kit 113, Packing Assembly
1-0118	Kit 118, Packing
1-0119	Kit 119, Packing
1-0120	Kit 120, Unloader
1-0122	Kit 122, Valves
1-0123	Kit 123, Valve EZ3040
1-0124	Kit 124, Valve Cap and O-ring for EZ Pump
1-0125	Kit 125, EZ Pump
1-0126	Kit 126, EZ Pump
1-0127	Kit 127, Packing EZ2542S
1-0129	Kit 129, Head Ring EZ Series
1-0130	Kit 130, Packing Complete
1-0131	Kit 131, EZ Pump
1-0134	Kit 134, Valve TH Pump
1-0140	Kit 140, Packing Assembly, T9111
1-0141	Kit 141, General
1-0148	Kit 148, 22mm Packing
1-0149	Kit 149, Ring Intermediate
1-0150	Kit 150, Valve General T5050
1-0151	Kit 151, Packing Retainer
1-0153	Kit 153, Packing Kit
1-0156	Kit 156, 13mm Packing
1-0201	Kit 201, Hot Kit Valve
103159B	Kit 159 Oil Seal
103160B	Kit 160, Short Packing
103161B	Kit 161 Packings
103162B	Kit 162 Packings
103163B	Kit 163, Seal Retainer
103164B	Kit 164 Int Ring
103165B	Kit 165 Int Ring
103166B	Kit 166 Long Kit 1
103167B	Kit 167, Packing Assy
103169B	Kit 169 Valve Kit
103170B	Kit 170LP Seal Kit & HP Seal
103171B	Kit 171 Packings
103172B	Kit 172 Low/High Packing
103173B	Kit 173 Packings
103181B	Kit 181 LP Seal Kit & HP Seal
103182B	Kit 182 Packings

AR Triplex Ceramic Plunger Pumps



101865

Direct Drive Gas Engine Flanged Models



Part No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight lbs
101804	XTV3G16D-F7	3.0	1600	3.0	3400	3/4"	10
101704	XTV3G20D-F7	3.0	2000	4.0	3400	3/4"	11
101701	XTV3G22D-F7	3.0	2200	4.5	3400	3/4"	11
101718	XMV25G26D-F25	2.5	2600	5.0	3400	3/4"	19
101711	XMV3G30D-F24	3.0	3000	6.0	3400	1"	19
101702	XMV3G25D-F25	3.0	2500	5.0	3400	3/4"	19
101796	XMV35G25D-F24	3.5	2500	5.5	3400	1"	19
101792	XMV35G25D-F25	3.5	2500	5.5	3400	3/4"	19
101797	XMV4G30D-F24	3.8	3000	7.5	3400	1"	19
101865	RKV35G30AD-F24	3.5	3000	5.0	3400	1"	21
101866	RKV4G30AD-F24	4.0	3000	7.5	3400	1"	21
101867	RKV4G32D-F24	4.0	3200	8.5	3400	1"	21
101868	RKV4G35HD-F24	4.0	3500	10.0	3400	1"	21



101780

Solid Shaft Models



Part No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight lbs
101731	XTA3G22N	3.0	2200	4.5	1750	24mm	11
101734	XTA3G19N	3.0	1900	4.0	1750	24mm	11
101780	XMA3.5G25N	3.5	2500	5.5	1750	24mm	18
101870	RKA4G20N	4.0	2000	5.0	1750	24mm	19
101873	RKA4G30N	4.0	3000	7.5	1750	24mm	19
101875	RKA4G35N	4.0	3500	10.0	1750	24mm	19
101877	RKA4G40HN	4.0	4000	11.0	1750	24mm	21
101765	XW2128N	5.5	4060	15.0	1450	24mm	34
101752	XWA8G29	8.0	2900	15.0	1750	24mm	21
101750	XW2623	6.87	3400	15.0	1450	24mm	34



101730

Direct Drive Electric Flanged Models



Part No.	Model No.	GPM	PSI	BHP	RPM	Shaft Dia	Weight lbs
101742	XTA2G15E-F8	2.1	1500	2.0	1750	5/8"	9
101801	XTV2G15EBA-F8	2.1	1500	2.0	3400	5/8"	10
101803	XTV3G16E-F8	3.0	1600	3.0	3400	5/8"	10
101737	XTV3G20E-F8	3.0	2000	4.0	3400	5/8"	11
101717	XTV3G22E-F8	3.0	2200	4.5	3400	5/8"	11
101756	XTA3G22E-F8	3.0	2200	4.5	1750	5/8"	11
101730	XTA2G15EBA-F8	2.1	1800	3.0	1750	5/8"	10
101755	XTA3G16EBA-F8	3.0	1600	3.0	1750	5/8"	10
101871	RKA4G20E-F17	4.0	2000	5.0	1750	1-1/8"	21
101872	RKA4G30E-F17	4.0	3000	7.5	1750	1-1/8"	21

AR Pump Repair Kit Selection Chart

Use the following chart to find AR Repair Kits by pump model number. See next page for AR kit pricing. We also stock a broad selection of non-kit AR repair parts.



Pump Model	Water Seals	Check Valves	Oil Seals	Piston Kit	Piston Guide	Support Rings	Hot Kit
XJV	AR002798	AR001864	AR002797	AR002796	AR1980180 ea	AR1980190 ea	NA
XJW	AR002800	AR001864	AR002797	AR002796	AR1980180 ea	AR1980190 ea	NA
XT-15MM	AR001866	AR001864	AR001872-N ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V AR002725-H/D
XT-18MM	AR001874	AR001864	AR001872-N ver	AR002629	AR1260450 ea	AR1320340 ea	AR002030-V AR002726-H/D
XTA-15MM	AR001866	AR001864	AR001860-E ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V
XTA-18MM	AR001874	AR001864	AR001860-E ver	AR002629	AR1260450 ea	AR1320340 ea	AR002030-V
XTV	AR001866	AR001864	AR001860-D, E ver AR001872-N ver	AR002628	AR1260151 ea	AR1520120 ea	AR002029-V AR002725-H/D
XM-15MM	AR002741	AR001864	AR002786-N ver	AR002544	AR1780090 ea F	AR002740 AR1780100 ea R	AR002776
XM-18MM	AR002747	AR001864	AR002786-N ver	AR002545	AR1780110 ea F	AR002745 AR1780120 ea R	AR002777
XMA-15MM	AR002741	AR001864	AR002786-N ver	AR002544	AR1780090 ea F	AR002740 AR1780100 ea R	AR002776
XMA-18MM	AR002747	AR001864	AR002786-N ver	AR002545 AR002787-E ver	AR1780110 ea F	AR002745 AR1780120 ea R	AR002777
XMV	AR002741	AR001864	AR002786-N ver	AR002544 AR002787-D ver	AR1780090 ea F	AR002740 AR1780100 ea R	AR002776
XRC-18MM	AR001857	AR001828	AR001855- N ver	AR002546	AR1380090 ea	AR001829	AR002809
XRC-20MM	AR001887	AR001828	AR001855- N ver	AR002547	AR1380150 ea	AR001815	AR002810
XRCA-18MM	AR001857	AR001828	AR001855- N ver	AR002546 AR001856-E ver	AR1380090 ea	AR001829	AR002809
XRCA-20MM	AR001887	AR001828	AR001855- N ver	AR002547 AR001856-E ver	AR1380150 ea	AR001815	AR002810
XRCV	AR001857	AR001828	AR001856-D, E ver	AR002546	AR1380090 ea	AR001829	AR002809
RK-18MM	AR001857	AR002864	AR001855-N ver	AR002546	AR1380090 ea	AR001829	AR002809
RK-20MM	AR001887	AR002864	AR001855-N ver	AR002547	AR1380150 ea	AR001815	AR002810
RKA-18MM	AR001857	AR002864	AR001855-N ver	AR002546	AR1380090 ea	AR001829	AR002809
RKA-20MM	AR001887	AR002864	AR001855-N ver	AR002547	AR1380150 ea	AR001815	AR002810
RKV	AR001857	AR001828	AR001856	AR002546	AR1380090 ea	AR001829	AR002809
XW-20MM	AR002782	AR002780	AR002781	AR002642	AR002784	NA	AR002778
XW-22MM	AR002783	AR002780	AR002781	AR001891	AR002785	NA	AR002779
XWA-20MM	AR002782	AR002780	AR002781	AR002642	AR002784	NA	AR002778
XWA-22MM	AR002783	AR002780	AR002781	AR001891	AR002785	NA	AR002779
SXW-18MM	AR002874	AR002871	AR002873	AR002548	AR002875	NA	NA

AR Pump Kits



AR001864

Original Factory Direct Repair Kits. See previous page for kit selection chart. Don't see what you're looking for? Give us a call. We stock a broad selection of AR replacement parts. AR piston kits contain all that you need to repair broken pistons. O-rings, Washer, nuts, plungers...YOU GET IT ALL!



Part No.	Description	Part No.	Description
83-1804	Packing	83-1887	Water Seals
83-1805	Packing, 20mm	83-2031	Viton Seal, XRA
83-1806	Pump	83-2043	Oil Seal
83-1815	Piston	83-2044	Seal
83-1825	Valve Kit	83-2544	Piston, XM Series
83-1826	Piston Bolt	83-2546	Piston XRCA/XRCV
83-1828	Valve	83-2624	Seal
83-1829	Ring, Support XRA/XRV Series	83-2628	AR Piston #2628
83-1830	Repair, AR 2882 - O-Rings Only	AR002542	Piston, XWA8G30N-SX
83-1842	Piston, XRA/XRV Series	83-2697	Repair, Combi-Set
83-1843	Piston, XRA, XR	83-2740	Support Ring, XM Series
83-1855	Oil Seal, XRA Series	83-2741	Water Seal, XM
83-1856	Oil Seal, XRV	83-2744	XFV Manifold Assy
83-1857	Packing XRA/XRV Series	83-2747	Packing, 18mm, XMA Series
83-1860	Seal, Oil, XTV Series	83-2776	Hot/Dry Cup
83-1864	Valve Kit	83-2780	Valve, XWA8G30N-SX
83-1865	Oil Seal	83-2781	Seal, XWA8G30N-SX
83-1866	Packing Kit	83-2782	Piston Seal, XWA8G30N-SX
83-1869	Repair Unloader	83-2784	Piston Guide, XWA8G30N-SX
83-1872	Oil Seal	83-2786	Oil Seals, XMA35G25N
83-1873	Oil Seal Kit Complete	83-2787	Oil Seals
83-1874	Packing		

Comet Pumps & Pump Kits



For use in homeowner or light commercial duty pressure Washer.



- One piece bronze connection rods
- Built in unloader
- Increased surface area for lower operating temperatures
- Ultra high pressure head

Part No.	Model No.	GPM	PSI	RPM	Shaft Dia
5-2100	AXD 3020 G	2.75	2000	3400	3/4"
5-2102	AXD 2527 G	2.5	2700	3400	3/4"

Comet kits and parts are available for any Comet model. Call with model number for quick and accurate service.

Part No.	Model No.
CT0202002000	Piston 15mm FWD
CT0202002200	Piston 18mm FWD
CT5019003500	Seal Kit LWD HP
CT5019003800	Packing Kit FWS / FWD
CT5019004500	Seal Kit Oil LW Series Hollow
CT5019006400	Seal Kit ZWD4030G
CT5019006500	Seal Kit Hollow Shaft Pumps
CT5019007700	Seal Kit AXD3020
CT5025001100	Valve Kit ZWD / FWS / FWD / HW / FW / LW

Ceramic Plungers



Precision ground, high polish, solid ceramic plungers, designed for long life even under constant use.

Part No.	Size
1-44040109	18mm (EZ)
1-44040266	13mm, EZ Series
1-46040009	W50 Pump
1-47040409	20mm, (1.970" length)
1-47040509	22mm
104807	24mm, 47040609
1-47040856	16mm
1-50040409	20mm, (1.570" length)
1-51040009	15mm
1-51040109	18mm, TP Series
1-52040009	15mm (EZ)
104810	20mm, 61040056
104811	36mm, 69040009
1-69040109	30mm
104802	30mm, 76040056
104815	45mm, 76040209

Packing & Seal Kits



UPC, General Pump and Interpump Replacement Kits



Time-tested Quality Parts Meet or Exceed Factory Specifications

Part No.	Description
103001X	Kit 1, Check Valve
103002X	Kit 2, Oil Seal
103003X	Kit 3, Crankshaft Oil Seal
103008X*	Kit 8, V-Packing
103009X*	Kit 9, Intermed Packing
103012X*	Kit 12, V-Packing
103019X*	Kit 19, V-Packing
103023X	Kit 23, Crankcase Oil Seal
103024X	Kit 24, Crankcase Oil Seal
103027X*	Kit 27, Plunger Repair
103028X*	Kit 28, Plunger Repair
103029X*	Kit 29, Plunger Repair
103037X	Kit 37, Oil Seal
103083X	Kit 83, Oil Seal
103087X	Kit 87, V-Packing
103097X	Kit 97, Packing

*These are old style kits to replace components in Interpump/General pumps with two brown Buna-V packings; (pumps built before the change was made to restop ring and black low-pressure seals.)

O-Ring Tool

Indispensable for Pump Repair. Excellent for removing O-Rings, seals, etc.



- 6" long dental pick
- Stainless steel
- Knurled handle
- Double-end

Part No.	Description
249737	Dental Pick

Piston Pumps



100315

- Cast iron body
- Stainless steel check valves
- Complete with base or torque arm
- Buna cups
- 140° except 5321
- 180° 5321
- 1/2 NPT Ports

Part No.	Hypno	GPM	PSI	RPM
Solid Shaft				
100314	5315	1.5	500	1750
5-20231	5320	2.0	500	1750
5-2027	5321	2.2	1000	1750
100325	5324	2.9	800	1750
5-2022	5325	2.5	500	1750
5-2024	5330	3	500	1750
Hollow Shaft				
100315	5315	1.5	500	1750
100316*	5315	1.5	500	1750
5-2028	5320	2.0	500	1750
5-2026	5321	2.2	1000	1750
100324	5324	2.9	800	1750
5-2021	5325	2.5	500	1750
5-2023	5330	3.0	500	1750

100301 Injector Head 5320/5330 Pump

100306 Injector Head 5321/5324 Pump

*100316 Has Teflon Seals

Pump Parts & Tools



For 5300 series pump.



Piston Repair Kit



Valve Seat Tools



Valve Cage Tools

- A necessity for working on 5300 series pumps
- Rugged construction

Part No.	Description
8-34300010	Piston Repair Kit (Model 5320 pump)
8-34300144	Piston Repair Kit (Model 5321 pump)
8-34300197	Check Valve Kit (All 5300 Pumps)
449052	Valve Cage Tool
449071	Valve Seat Tool

NOTE: Piston Repair Kits have Buna seal

Jetter Pulse Valves



Replaces valve cap to create pulsation action, to move nozzle in pipe cleaning applications.



Part No.	Description
1-100316	For EZ Pumps
1-100317	For 47 Series Pumps
1-100315	For TT Pumps

PUMPS & PUMP KITS

Accumulator



Pulse Dampener.



- 3/4" MPT connector
- 10 GPM
- 1350 PSI
- Weight 1 lb

Part No.	Description
381110	Accumulator

Accumulator - Pulse Dampener



- Max Temp - 180°F
- Precharge Pressure 580 PSI

Part No.	Working PSI	Capacity	Inlet
381102	3100	21.4 CU"	1/2"F
381103	3100	6.1 CU"	3/8"F
381104	4400	2.5 CU"	3/8"F

Packing Extractor

Virtually Unbreakable Sockets will pull Packings from Interpump, General and other brand pumps.

Easy to Use: Slide-Hammer (shown below) attaches to Slotted Socket—which expands inside the Packing Gland. The Slide Hammer then pops the Packing Gland Brass out of the Head to facilitate easy seal repairs without damage to Brass Support Rings.



Part No.	Description
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Slide Hammer

449299	Hammer Only
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Sockets for Regular Slide Hammer

449302	18mm Socket
449301	15mm Socket
449303	20mm Socket
449304	22mm Socket
449307	25mm Socket

Large Slide Hammer

449309	Large Slide Hammer
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Sockets for Large Slide Hammer

449311	30mm Socket
449312	38mm Socket
449313	45mm Socket

Packing Extractor Tool



Expansion Tool inserts into Packing Gland to remove lodged Packing Components.



Part No.	Description
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449310	Extractor (only)
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Expansion Sockets for Extractor Above

449315	15mm (Ref Kit 86 & 97)
449320	20mm (Ref Kit 8 & 19)
449322	22mm (Ref Kit 12)
449324	24mm (Ref Kit 16)

NOTE: 15mm Expansion Sockets also fit Admiral Pump W-Series pumps.

V-Packing Insertion Tool Kit

Contains Inserting Tools for installing 20mm, 22mm and 24mm V-Packings in the Packing Gland. Prevents damaged sealing surfaces.



Part No.	Description
1-ZMVT00L	V-Packing Kit

Pump Oil



- Formulated to exceed the factory specifications for LANDA, Admiral, AR, Interpump, General and other high pressure pumps.
- Quart or gallon size

Part No.	Description
90-8006	32 oz Landa Pump Oil

Pump Oil



Formulated to meet the factory specifications for Admiral, Interpumps, General Pumps and other high pressure pumps.

Part No.	Description
112055	Pump Oil (quart)
112075	Case Lots (12 ea)

Pump Lube



- A premium quality lubricating oil fortified with additives to reduce friction, foaming & corrosion
- Excellent for use in CAT PUMPS and other fine precision machinery

Part No.	Description
112056	Pump Lube (quart)
112076	Case Lots (12 ea)

"Inter-Lube-Red" Gear Lube



Inter-Lube Red Gear Lube is a multi-viscosity SAE 80W 90 lubricant with anti-friction, anti-foaming and corrosion inhibitor additives. Use in Admiral Geared Speed Reducers and Interpump/General RS99, RS151, PTO as well as other High Speed Gear Boxes.

Part No.	Description
112052X	Interlube (quart)
112072X	Case Lots (12 ea)

Geared Reduction



Specifically designed for Legacy and Admiral pumps



- Engine-to-Pump drive units
- 2.1 to 1 reduction ratio (3675 Eng. RPM=1750 Pump RPM)
- Engine shaft size = 1" or 1-1/8"
- Pump shaft size = 24mm or 30mm

Part No.	Fits Shaft Sizes
349120	24mm Pump x 1" Engine
349121	30mm Pump x 1" Engine
349122	30mm Pump x 1-1/8" Engine

Geared Reduction



Fits: Admiral - Interpump - AR - Comet - Udor - Hawk



- Engine-to-Pump drive units
- 2.18 to 1 reducer
- Fore 11-18 HP Gasoline Engine

Part No.	Fits Shaft Sizes
349130	1" Engine Shaft
349131	1-1/8" Engine Shaft

PTO Geared Multiplier



- 1 to 1.9 speed multiplier
- 1-3/8" splined shaft (same shaft as standard tractor PTO)
- 540 RPM PTO speed multiplied to 1026 RPM at pump shaft

Part No.	Fits Shaft Sizes
349005	Gear Multiplier

Anti-Seize Compound

Recommended for All Metal to Metal Power Drive Assemblies – Facilitates Removal After Use.



- Copper - Graphite or Nickel
- Copper - Graphite High torque for high temperature to 1800°F
- Nickel continues to work up to 2400°F
- Stops rust, galling & seizure on pulley/shaft or gear/shaft interfaces

Part No.	Description
112299	Blister Pack (1 appl) copper - graphite
112305	8 oz Brush Top Can - nickel

Geared Reduction Units



For use with 1450 RPM Interpump, General Pumps and Admiral A-W99

RS99 – 2.4:1 Gear Reduction (3480 Eng. RPM = 1450 RPM Pump)
For 3-5 HP Briggs, Honda-Tecumseh-Kohler with 3/4" shaft

RS151 – 2.2:1 Gear Reduction (3190 eng. RPM = 1450 RPM pump)
For 7-18 HP Briggs, Honda engines with 1" or 1-1/8" shaft (must specify)
Use with the appropriate size: "WS" series Interpump, "TS" series General pump



349009

- Eliminates belts, pulleys & belt guards
- Engine-to-Pump drive units
- Improve efficiency

Part No.	Engine Shaft
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RS-99

349009	3/4"
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349011

RS-151

349011	1"
349013	1-1/8"

Flex Couplers



24mm Pump Shaft Couplers. Direct Drive Flex Coupling 24mm Interpump/General & Admiral XLS Series Pumps to NEMA Standard Motor Shafts.



2-Piece Coupler

Part No.	NEMA Frame	Drive Shaft
2-Piece Coupler		
336028	56 A	5/8"
336030	145 T	7/8"
336032	184 T	1-1/8"
336036	215 T	1-3/8"
339112A	Gas (Aluminum)	1"
080320	Rubber Bumper - Replacement	

Flanges

Direct Attachment of Interpump/General Pumps to NEMA Standard C-Face Motors.

NOTE: Flange 336020 & 336024 also fit Admiral XLS and 24mm XD pumps



Part No.	NEMA Frame	Drive Shaft
336020	56/145TC	W973
336024	184TC	W995
336025	215TC	W913
339120	8-13 HP(G)	WW161

Automatic Pressure Regulator

Integral Regulator For Admiral Pumps: WE - WG - WEL - XLS - XLE - XLG bolt on for Admiral and Legacy Pumps. Trapped pressure regulator specifically designed for use on the Admiral plunger pumps. Integral inlet, bypass and outlet eliminates the need for bypass hose.



106020

Part No.	Description
106020	APR-Brass/ Black 3/8"
106022	APR-Brass/ Black 1/2"
109139	Seal Repair Kit - 3/8"
109139X	Seal Repair Kit - 1/2"
109140	Valve Seat Repair Kit

- 6 GPM
- 3200 psi
- 195°F
- Forged brass body
- 1/2" MPT inlet
- 3/8" MPT outlet
- Stainless steel plunger & seat valve
- 29 oz weight

Regulators / Unloaders

Basic Valves. Premium Performance.



462320



462320K

- Forged brass body
- Stainless steel seat & piston
- 3/8" MPT inlet, outlet & bypass
- 200°F
- 520 Regulator / Unloader**
 - Rated @ 2000 psi
 - 13 oz weight
 - Tested up to 2400 psi
 - 8 GPM
- 540 Regulator / Unloader**
 - Rated @ 2600 psi
 - 15 oz weight
 - Tested up to 2800 psi
 - 8 GPM
- 560 Regulator / Unloader**
 - Rated @ 3200 psi
 - 15 oz weight
 - Tested up to 3400 psi
 - 8 GPM

Repair Kits

- For use with 520, 540, and 560 Regulator/Unloaders

Part No.	Description
462320	520 without Knob
5-3505	520 with Knob
462330	540 without Knob
462330K	540 with Knob
462340K	560 with Knob
109177	Seal Repair Kit
109178	Valve Seat Repair Kit

550 Regulator / Unloader

The Quality Performer – Simple & Effective



- 8 GPM
- 3600 psi
- 200°F
- Stainless steel valve
- Forged brass body
- 3/8" FPT outlet & (2) inlet ports
- 1/4" FPT bypass
- 22 oz weight

Part No.	Description
462335	without Knob
462335K	with Knob
109060	Seal Repair Kit
109062	Valve Seat Repair Kit

550 Regulator / Unloader with Bypass Switch

Same features as 550 (above); Integral switch detects Full Bypass Mode.



- Normally Open (NO) or Normally Closed (NC) operation
- Use for burner control or time delay shutdown
- 29 oz weight

Part No.	Description
462336	without Knob
462336K	with Knob
109060	Seal Repair Kit
109062	Unloader Seat Repair Kit
082022	Replacement Micro Switch

Regulator / Unloader 580

Single Inlet.



- 8 GPM
- 3600 psi
- 200°F
- 3/8" MPT inlet & outlet, 1/4" FPT bypass
- Adjustable pressure setting nut
- Heavy-duty forged brass body
- Stainless steel ball & valve seat
- High temperature Viton seals
- Adjustable upper pressure limit lock

Part No.	Description
463350	without Knob
463350K	with Knob
109060	Seal Repair Kit
109062	Valve Seat Repair Kit

Pulsar Unloaders



- Pulsar 3 Blue rated 3200 psi – Max 3650 psi
- Pulsar 3 White rated 1400 psi – Max 1750 psi
- Pulsar 280 HP rated 4050 psi – Max 4350 psi
- 195°F
- 8 GPM
- All stainless steel valves
- Pressure actuated
- Forged body
- 3/8" FPT inlet, outlet
- Two 3/8" FPT bypass ports

Part No.	Description
462650	Pulsar 3 (Blue) with Knob
462651	Pulsar 3 (Blue) without Knob
462653	Pulsar 3 (White) without Knob
462654	Pulsar 3 (White) with Knob
5-3020	Pulsar 280 HP
111100	Repair Kit – Pulsar 3
12-60007224	Repair Kit – 280 HP

VB7 Regulator / Unloader



Fits CAT 4SF pumps and other pumps; 7.8 GPM – 3600 psi max pressure.

- Rated pressure: 3200 psi
- 200°F
- 3/8" MPT inlet, 1/4" FPT gauge port
- 3/8" FPT outlet & bypass
- 19.7 oz weight

Part No.	Description
463670	without Knob
5-3021	with Knob
111175	Repair Kit
463600	Knob Only

VB130 Regulator / Unloader



Fits CAT 2SF pumps and other pumps; 6.6 GPM – 2600 psi max pressure.

- Rated pressure: 2300 psi
- 200°F
- 3/8" MPT inlet & outlet
- 3/8" FPT bypass
- Stainless steel plunger
- Stainless steel valve seat
- 14.7 oz weight

Part No.	Description
463660	without Knob
5-3023	with Knob
111150	Repair Kit
463600	Knob Only

Regulator / Unloader 21 Gallon



VB 80/280: 21 GPM – 4300 psi max; **VB 80/150:** 21 GPM – 2400 psi max.



- VB80/280 rated @ 4000 psi
- VB80/150 rated @ 2200 psi
- 200°F
- Pressure actuated
- Forged brass body
- Stainless steel plunger & seat
- 1/2" FPT in-out-bypass
- 45 oz weight

Part No.	Description	Spring
5-3012	VB80/280	Blue
5-30121	VB80/150	White
111300	Repair Kit	

VB75 / VB135



The VB75 is an integrated unloader for INTERPUMP/GENERAL pumps with 7.8 GPM – 3600 psi max pressure. The VB135 fits Interpump "WW" Series Pumps and General "TT" Series Pumps with 6.5 GPM – 2600 psi max pressure.



VB75



VB135

- VB75**
- Rated pressure: 3200 psi
- 200°F
- 3/8" MPT inlet, 1/4" FPT gauge port
- 3/8" FPT outlet & bypass
- 19.7 oz weight

- VB135**
- Rated pressure: 2300 psi
- 200°F
- Stainless internals
- Forged brass body
- 22.9 oz weight

Part No.	Description
463672	Series 44 pumps (EZ)
5-3025	Series 47 pumps (W151)
111175	Seal Kit
463600	Knob Only
VB135	
5-3024	VB 135
463600	Knob Only

VB350/4 Unloader



Bigger. Stronger. Faster - 5600 psi max pressure



- 10.5 GPM
- Rated 5100 psi
- Max 5600 psi
- 195°F
- Forged bronze body
- 31 oz weight
- Stainless steel plunger & valve seat
- 3/8" FPT outlet & bypass
- 1/2" F bypass
- 3/8" MPT inlet, 1/4" gauge port

Part No.	Description
5-3014	Unloader Red Knob
111200X	Repair Kit - Old VB 350
111901	Repair Kit - Red Knob Version

Automatic Pressure Compensating Unloader Valves VB10 / VB9



7.8 GPM - 3600 psi max pressure



VB10



VB9

- Rated 3200 psi
- 194°F
- Reduces trapped pressure to 25% of operating pressure when unloading; allows easier gun trigger pull
- Instant pressure response
- Hex-shaped non-stick check valve
- 3/8" in/out/bypass
- Brass valve body/stainless ball & seat
- Knob included
- VB9 - Panel mountable

Part No.	Description
5-3015	VB9 with Knob
5-3013	VB10 with Knob
111336	Repair Kit VB9
111400	Repair Kit VB10
111401	Seal Kit VB10

UNLOADERS

VB200 / 150 High Volume Unloader



- 52.5 GPM
- Forged bronze body
- Large plastic knob (removable)
- Lock nut on pressure adjustment
- 2175 psi
- 194°F
- 1" FPT Inlet, outlet & bypass
- Two 5/16" – 18 bolt mounting ports
- 73.5 oz weight

Part No.	Description
463714	VB 200/150 without Knob
463715	VB 200/150 with Knob
111550	Repair Kit

VB80 / 400 Stainless Steel Unloader



- Rated 5800 psi
- Forged stainless steel body
- 195°F
- All stainless steel valve parts
- Viton seals
- 1/2" FPT inlet, outlet & bypass

Part No.	Description
462656	VB 80/400
111340	Repair Kit

Control Set "W" Series / Integrated Regulator / Unloader



Designed exclusively to fit INTERPUMP and GENERAL pumps.



- Mounts directly on pump inlet and outlet; internal bypass loop
- Pressure actuated: "Instant - On"
- 3/8" MPT outlets
- Integrated injector - optional
- Pressure and flow engineered for specific pump models

Part No.	Model	GPM	PSI	Pump
"W" Series Unloaders				
462636	W1	4.00	1600	W905
462639	W1-L	4.00	1600	W99
462643	W2	5.56	3000	W997
462644	W2-L	5.56	3000	W201
103093B	W2/W2L Rebuild Kit			
103098B	W1/W1L Rebuild Kit			

"W" Series Unloaders with Injectors				
462635	W1-0	2.1-2.9	1600	W907
462640	W1L-1	3.0-4.0	1600	W99
462642	W2-1	2.9-4.0	3000	W997
462645	W2L-1	2.9-4.0	3000	W201
462647	W2L-2	4.2-5.5	3000	WS202
103094B	Injector Maintenance Kit			

"K" Series Pressure Regulators



Unloaders relieve line pressure in bypass mode.

- 3/8" FPT Inlet
- 165°F
- 1/2" FPT B



K3 - 0-1500 psi

Part No.	Model	GPM	Outlet
K3			
5-30020	K3.0	2.10-2.90	3/8" M
5-30021	K3.1	2.90-4.22	3/8" M
5-3002	K3.2	4.22-5.55	3/8" M
5-30022	K3.3	5.00-6.50	3/8" M
462530E	K3.0	2.10-2.90	1/2" M
462531E	K3.1	2.90-4.22	1/2" M
462532E	K3.2	4.22-5.55	1/2" M
462533E	K3.3	5.00-6.50	1/2" M

K5 - 1000-3000 psi

K5			
5-30011	K5.1	2.90-4.22	3/8" M
5-3001	K5.2	4.22-6.60	3/8" M
5-30012	K5.3	6.60-10.83	3/8" M
462551E	K5.1	2.90-4.22	1/2" M
462552E	K5.2	4.22-6.60	1/2" M
462553E	K5.3	6.60-10.83	1/2" M

NOTE: 1) Use #140070 Back nut on bypass nipple when mounting 1/2" bypass line on K3 & K5's. 2) Use restricted (.156 - .225 ID) orifice in bypass line for smoother operation/pressure balancing.

- 3/8" FPT
- 165°F



K7 - 0-3000 psi

Part No.	Model	GPM	Outlet
5-30030	K7.0	2.11-2.90	3/8" M
5-30031	K7.1	2.90-4.22	3/8" M
5-3003	K7.2	4.22-6.60	3/8" M
462573	K7.3	6.60-10.8	3/8" M



ZK1 - 0-3600 psi

- 3/8" inlet
- 1/2" bypass
- 1/2" discharge
- 165°F

Part No.	Model	GPM	Outlet
462525	ZK1	2.4-10.8	1/2" M



K9 - 0-5800 psi

- 1/2" FPT
- 165°F

Part No.	Model	GPM	Outlet
462574	K9	13.2	1/2" M

Repair Kits for All K3, K5, K7 and K9 models

Part No.	Description
1-0059	K3 Maintenance Kit
1-0061	K3 Rebuild Kit
1-0058	K5 Maintenance Kit
1-0060	K5 Rebuild Kit

HM Regulator / Unloader



- Excess flow is bypassed to maintain selected pressure
- Will operate on single or multiple gun systems
- Brass body - Stainless steel valve & seat
- 3/8" FPT inlet
- 3/8" MPT outlet
- 3/8" FPT bypass
- Flow range of 1.4 to 10.8 GPM
- Pressure adjustable 0-3000 psi

Part No.	Description
462575	HM Regulator/Unloader
103072B	Repair Kit

Timax Pressure Regulator Valve



- Max flow 52 GPM
- Max pressure 1000 psi
- Lever control manual dump for bypass to relieve line pressure
- 3/4" & 1" FPT inlet & outlet
- 3/4" FPT bypass
- Brass body - SS piston & seat

Part No.	Description
462580	Timax Regulator Valve
103051B	Repair Kit

ST-230 Regulator / Relief Valve **SUTTNER**

- 8 GPM
- Complete pressure regulation 0-3600 psi
- 200°F
- 1/4" FPT Inlet & bypass
- Mounts off-line – No line restrictions
- All brass body with stainless steel piston and seat
- 14 oz weight

Part No.	Description
462590	ST-230
087926	Repair Kit

ST-280 Regulator / Unloader **SUTTNER**

- 8 GPM
- 3600 psi
- 175°F
- 27.5 oz weight
- Brass housing - stainless steel valve
- 3/8" FPT inlet/outlet
- 1/4" FPT bypass

Part No.	Description
462680	ST-280
088536	Seat Repair Kit "D"
088535	Piston Seal Kit "C"
088534	Poppet Repair Kit

ST-261 Regulator / Unloader



- 8 GPM
- Stainless steel plunger & seat
- 0-3600 psi regulation
- Viton seals
- 180°F temperature rating
- Forged brass body
- 22.5 oz weight

ST-261 Standard



Part No.	Description
5-3226	ST-261 STD
088211X	Seal Kit
088209	Repair Kit "B"
088466	Outlet Check Kit "A"

ST-261/S Unloader with Bypass Switch



- Switches at full bypass flow
- 10 Amp, 110/230V
- Wired N/C (may be wired N/O)

Part No.	Description
5-2335	ST-261/S
84-200261527	Switch Seal Kit

ST-261/I Unloader with Chemical Injector



- Switches at full bypass flow
- 10 Amp, 110/230V
- Wired N/C (may be wired N/O)

Part No.	GPM	Model
462691	0.0-2.4	ST-261/I-1
462692	2.4-3.5	ST-261/I-2
462693	3.5-5.5	ST-261/I-3
088260X	Injector Repair without Barb	
088424	Injector Repair with Barb	

ST-261/SI Unloader with Switch and Injector



Part No.	GPM	Model
462696	0.0-2.4	ST-261/SI-1
462697	2.4-3.5	ST-261/SI-2
462698	3.5-5.5	ST-261/SI-3

ST-261 Bypass Switch only



- Field mountable
- 10 Amp @ 115/230V
- Switches at full bypass flow
- Wired N/C (may be wired N/O)

Part No.	Description
84-200260513	Switch Assy Complete
84-090000050	Micro Switch Only
84-200261527	Seal Kit for Micro Switch

UNLOADERS

13 GPM Pressure Actuated Unloaders



- 800-3000 psi
- 160°F
- Bellville spring washers minimize spikes
- Forged brass bodies/stainless ball & seat
- Four 1/4" side ports enhance versatility
- 1/2" FPT inlet, outlet & bypass ports
- 57.3 oz weight

Part No.	Model No.	Spring	PSI
462934	22910	Silver	800
5-31032	22911	Yellow	1400
5-31033	22912	Red	2400
5-31034	22913	Orange	3000
81-12099	Repair Kit		

Pressure Actuated Unloaders



462927



462928

- Unloads pressure in entire system when in bypass
- Forged bronze body
- Stainless steel seat
- 3/8" FPT inlet/ 3/8" FPT outlet
- 1/4" FPT bypass
- 160°F

Part No.	Model	GPM	PSI
462927	22760APM	8	3000
462928	22760APM	5	4000

Flow Actuated Unloaders



- Unloads pressure in entire system when in bypass
- Forged bronze body
- Stainless steel seat
- 3/8" FPT inlet/ 3/8" MPT outlet
- 1/2" bypass
- 160°F

Part No.	Model No.	GPM	PSI
5-31029	22650	3.0-4.5	3000
462913	22654	3.5-4.8	4000
5-3104	22655	4.5-5.5	3000
5-3105	22656	4.5-6.5	3000
81-22666	Seal Kit		

Comet Unloader Insert



- Fits AXD Comet Pump

Part No.	GPM	PSI	Description
5-3000	2.0	1000	AXD Unloader Insert

MG4000 Series Unloaders

"The world's best unloader value" with a choice of PSI: 1500, 3000 or 4500.



- Forged Brass Body
- 3/8" FPT inlet, outlet & bypass
- Auxiliary 1/4" outlet
- 10 GPM
- 200°F
- Up to 4500 psi
- Can be panel mounted
- Pressure limit indicated with color coded ring

Part No.	Description	PSI
Without Knob		
463108	Yellow	1500
463110	Red	3000
463114	Black	4500
With Knob		
463108K	Yellow	1500
463110K	Red	3000
463114K	Black	4500
111442	Repair Kit	



MG4000 with Microswitch

- Can be used as (NO) Normally Open or (NC) Normally Closed
- Use for time delay shut down or as burner control
- Up to 4500 psi
- Panel mountable
- 15 Amp Microswitch

Part No.	Description	PSI
463109K	Yellow	1500
463111K	Red	3000
463105K	Blue	3600
463115K	Black	4500

VRT Unloader Valves



- Forged brass body
- Stainless internals
- Up to 4350 psi
- 200°F
- 7.8 GPM
- 3/8" in-out/bypass

Part No.	Description	PSI
462249	AL605Y - Yellow	1450
462250	AL605 - Red	2950
5-3207	AL606 - Blue	3650
5-3208	AL607 - Black	4350
83-005650213	Repair Kit	

Hypco-Style Unloader



- All rated at 5 GPM
- Pressures from 400 to 1500 psi
- 180°F
- Buna-N seals
- 3/8 MPT inlet & outlet
- 8 oz weight

Part No.	PSI	FPT
462739	200-500	1/4"
462740	400-1000	1/4"
5-3201	800-1500	1/4"
462745*	400-1000 Closed Coupled	
462748*	800-1500 Closed Coupled	
H34300223	Repair Kit for All	

*Bypass port not threaded

Gymatic Unloaders



- RK & XM Series Pumps
- 3650 psi rated pressure
- 3-5.5 GPM
- 3/8" M Outlet

Part No.	Model No.	Description
462229	AR20242	1/2" F Inlet no injector
462226	AR20242G	3/4" Inlet (GHF) with no injector
462244	AR20081	1/2" M Inlet fixed inj #1 (2-3 gal)
462235	AR20399	1/2" M Inlet adj inj #1 (2-3 gal)
462236	AR20400	1/2" M Inlet adj injector #2
AR002611		Repair Kit

AR Unloader



- Direct Mount
- 165°F
- Dual Gun Valve

Part No.	Description	GPM / PSI
5-3202	Zeromatic/83, AR2882	3-10 / 3600
83-1830	Repair Kit, O-Rings Only	

AR Bolt On Unloaders



Mini-Matic Models.

- Fits XT and XM Series Pumps
- 2600 psi rated pressure
- 1-2" F inlet
- 3/8" M Outlet

Part No.	Model No.	Description
462228	AR20821	2-5 GPM, AL Bypass, No injector
462243	AR20890	2-3 GPM, AL Bypass, Adj injector
462246	AR21039	2-3 GPM, Brass Bypass, Adj injector
462245	AR21040	3-4 GPM, Brass Bypass, Adj injector
AR002812		Seal Kit

NOTE: AR has discontinued the Combiset unloaders. Use Mini-Matic unloaders as replacements. For 22mm twist coupler outlet models add Landa part # 331307 (3/8" x 22mm) to injector outlet.

Unloader Mounting Block

End vibration-caused fitting failure, 3 styles available.



- 12 GPM
- 5500 psi
- Solid brass construction
- Relieves pump head & fitting stress due to vibration
- Mounting hardware included

Part No.	Description
95-07101215/B	1/2" x 1/2"
95-07101216/B	3/8" x 3/8"
95-07101218/B	3/8" x 1/2"

YU - High Volume Unloader



- 21 GPM
 - 1/2" FPT inlet, outlet
 - 2 - 1/2" FPT bypass ports
 - 200°F
 - Forged brass body
 - SS internals
- YU-2121 Yellow Spring**
- 2450 psi max pressure
 - 2200 psi rated pressure
- YU-2140 Green Spring**
- 4350 psi max pressure
 - 4050 psi rated pressure

Part No.	Description
462628	2121 Yellow Spring
462629	2140 Green Spring
111340	Repair Kit

J.E. Adams Unloader



- 3/8" FPT
- 200°F

5-3009

Part No.	GPM	PSI	Model No.
5-3009	8	3000	7300 - Red Spring
5-3010	8	2000	7100 - Brown Spring
85-7130			Repair Kit

MV-520 Unloader



- 3/8" MPT
- 3/8" FPT bypass
- 195°F
- Stainless steel seat & piston

Part No.	GPM	PSI	Model No.
5-3505	8.0	2000	MV-520
8-34300397			Repair Kit

VS200 /180 High Volume Regulator



- 53.5 GPM
- 2600 psi
- 194°F
- 3/4" FPT inlet x 1/2" FPT bypass
- 29.4 oz weight

Part No.	Description
463705	VS 200/180
111520	Repair Kit

VS350 Regulator /Relief Valve



- Rated pressure: 5100 psi
- 5600 psi
- 6.5 GPM
- 195°F
- 3/8" FPT inlet, outlet & bypass
- 16.8 oz weight

Part No.	Description
463720	VS 350
111832	Repair Kit

Pressure Regulator



- Lowers city water pressure for better machine performance
- 10-125 psi

Part No.	Description
2-30074	Pressure Regulator

VS500 High Pressure Regulator /Relief Valve



- Rated pressure: 7250 psi
- 21 GPM
- 8100 psi
- 195°F
- Forged bronze body
- 1/2" FPT inlet & bypass
- 14.2 oz weight

Part No.	Description
463725	VS 500
111850	Repair Kit

VS220 Regulator /Relief Valve



6.3 GPM – 3600 psi max pressure.



- Rated 3200 psi
- 200°F
- Forged bronze body
- Stainless steel plunger & seat valve
- Two 3/8" FPT inlets
- 3/8" FPT outlet/bypass
- Compact design
- 14.2 oz weight

Part No.	Description
463655	VS 220 without Knob
111576	Repair Kit

Safety Pressure Relief Valves



Engineered and built by Interpump. Premium quality valves for all pressure systems.



- Adjustable pop off protection
- Machined brass bodies
- Stainless steel plunger & seat
- 165°F
- 3/8" MPT connect x 1/4" MPT
- Bypass & outlet
- **S – R:** Safety Valve - 3000 psi @ 1.3 to 10.8 GPM
- **S – 3:** Safety Valve - 500 to 10,000 psi @ 2.6 to 26.5 GPM

Part No.	Description
390103	S – R Valve
390123	S – 3 Valve

Regulating Relief Valve



Economical replacement for paraplate BR5 Series.



- 7 GPM
- Pressure adjusts 200-2000 psi
- 200°F
- 3/8" FPT Inlet, outlet & bypass
- Flow-Thru design for smooth operation
- Machined brass body & knob
- Stainless steel plunger & seal

Part No.	Description
462585	Relief Valve
075127	Repair Kit

Amerimax Injector

The Higher Rate Injector. Our Best Seller!



- Brass housing
- Stainless Steel orifice
- Fully adj metering valve
- Stainless Steel spring
- 3500 psi
- 3/8" MPT inlet/outlet
- 1/4" hose barb

Part No.	Description
Standard	
360130	"0", 1-2 GPM
360131	"1", 2-3 GPM
360132	"2", 3-5 GPM
360133	"3", 5-8 GPM
075122X	Repair Kit (SS check ball)

"Acid" Injector with Special Inlet Check Valve

360140X	"0A", 1-2 GPM
360141X	"1A", 2-3 GPM
360142X	"2A", 3-5 GPM
360143X	"3A", 5-8 GPM
075123X	Acid Repair Kit (Ceramic check ball)

Quick-Coupled Amerimax

Assembled for Added Convenience - "Quick" couples to unloader outlet and "Quick" couples hose to injector outlet.



- Top-Quality quick-couplers: 3/8" plug inlet, 3/8" socket outlet
- 6' Industrial grade poly-braid reinforced tubing (will not collapse, resists crimping, high chemical tolerance)
- Heavy-duty brass chemical filter with check valve prevents loss of prime

Part No.	Description
Amerimax "QC"	
360135X	Quick Coupled "0", 1-2 GPM
360136X	Quick Coupled "1", 2-3 GPM
360137X	Quick Coupled "2", 3-5 GPM
360138X	Quick Coupled "3", 5-8 GPM
075122X	Repair Kit (SS check ball)
Amerimax Acid "QC"	
360145X	Quick Coupled "0A", 1-2 GPM
360146X	Quick Coupled "1A", 2-3 GPM
360147X	Quick Coupled "2A", 3-5 GPM
360148X	Quick Coupled "3A", 5-8 GPM
075123X	Acid Repair Kit (Ceramic check ball)

5500 PSI Stainless Steel Chem Injector



3-1208

- Stainless steel construction
- 210°F max
- Complete with hose and filter



4-011186

Part No.	Description	GPM	PSI
3-1208	Non-Adjustable, Injector Only	2.0-4.0	5500
4-011186	Assembly	2.0-4.0	5500

Hi-Lo Injector



May be used on high side or low side of pump. Adjustable flow orifices plus adjustable chemical valves. Standard features similar to ST-62.



- **Performance Range**
Low side:
5-3.5 GPM @ 10-120 psi
High side:
2.0 - 8.0 GPM @ 3500 psi
- Machined brass body
- 3/8" FPT inlet/outlet

Part No.	Description
360163	Hi/Lo Injector with Meter Valve
360165	without Chemical Adjust
075136	Repair Kit
075136X	Seal Kit

ST-64 Up Stream Injector



Apply soap at high pressure. Restricts waterflow to create suction.



- 140 psi
- 160°F
- 3/4" FGH inlet
- 3/4" MGH outlet

- Chemical strainer and 4' PVC tubing included!
- Adjustable with ST-61 meter valve
- locking waterflow adjustment

Part No.	Flow Rate
360155	1.5-4.0 GPM
360156	4.0-7.0 GPM

ST-62 Variable Chemical Injector



Flow orifice adjusts for machines from 2-8 GPM. Requires ST-61 (below) to regulate Chemical Injection Rate.



- Forged brass body
- 3500 psi
- 8 GPM

Part No.	Description
3-1006	ST-62
088424	Repair Kit "F"

ST-61 Chemical Metering Valve



- Snap-on attachment to ST-60, ST-62, ST-261/I (usage limited to these injectors)
- Adjusts from off to full flow
- Glass-filled polyamide body & valve parts
- 1/4" hose barb
- Teflon® seals

Part No.	Description
371161	ST-61

ST-60 Chemical Injector



Requires ST-61(above) to regulate chemical injection rate.



- Forged brass body
- Compact size
- Injection rate to 10%

Part No.	Description
360120	1.50 - 2.25, ST-60/0
360121	2.25 - 3.35, ST-60/1
360122	3.35 - 5.00, ST-60/2
088424	Repair Kit "F"

INJECTORS & VALVES

400 Series Chemical Injectors



The Injector of choice.



- Teflon® valve seat
- 3/8" inlet & outlet (3 configurations)
- Forged brass housing
- Renewable orifices & check valve
- 3200 psi / 200°F
- Options include: Quick-coupled, SS orifices/ acid-resistant check
- Only 5 oz weight

Adjustable Injectors, Precise needle metering valve.

Orifice Size (mm)	M x M	M x F	F x M
Brass			
1.6	360406	360416	360426
1.8	360400	360410	360420
2.1	360401	360411	360421
2.3	360402	360412	360422
Stainless Steel			
1.6	360406S	360416S	360426S
1.8	360400S	360410S	360420S
2.1	360401S	360411S	360421S
2.3	360402S	360412S	360422S
Brass/Acid-Resistant			
1.6	360406A	360416A	-
1.8	360400A	360410A	360420A
2.1	360401A	360411A	360421A
2.3	360402A	360412A	360422A
Stainless Steel/Acid-Resistant			
1.6	360406AS	360416AS	360426AS
1.8	360400AS	360410AS	360420AS
2.1	360401AS	360411AS	360421AS
2.3	360402AS	360412AS	360422AS

Part No.	Description
Repair Kits include Check Ball, Spring, Seat & O-ring	
109220X	Standard Kit
109222X	Acid Kit

Robokim Quick-Coupled Chemical Injectors



- Quick-Couplers: 3/8" QC plug inlet, 3/8" QC socket outlet
- 6' Industrial Grade poly-braid reinforced tubing
- Brass chemical filter with stainless steel check valve

Part No.	Model No., GPM
Robokim "QC" with Plastic Knob	
360210X	"0", 2.1-2.9
360211X	"1", 3.0-4.0
360212X	"2", 4.0-5.5
360213X	"3", 5.5-10.8
Robokim "QC" with Brass Knob	
4-011182	"0", 2.1-2.9
4-011181	"1", 3.0-4.0
4-01118	"2", 4.0-5.5
360233X	"3", 5.5-10.8

Robokim Chemical Injectors



- Forged brass body
- Stainless steel orifice
- Stainless steel inlet check valve components
- 3500 psi
- 180°F
- 3/8" MPT inlet/outlet
- 1/4" hose barb

Part No.	Model No., GPM
Robokim with Plastic Meter Knob	
360200	"0", 2.1-2.9
360201	"1", 3.0-4.0
360202	"2", 4.0-5.5
360203	"3", 5.5-10.8
Robokim with Brass Meter Knob	
3-12041	"0", 2.1-2.9
3-12042	"1", 3.0-4.0
3-1204	"2", 4.0-5.5
3-12044	"3", 5.5-10.8
Kits	
1-190000	Repair Kit
077010X	Acid Kit

Downstream Chem Injectors



Fixed Down Stream Injectors



injector only

- Down stream, non-adjustable
- Some with built in coupler and nipple

Complete assembly with hose and filter

Part No.	Description	GPM	PSI
3-1201	Non-Adjustable, 190°, Injector only	1.0-2.0	3500
3-1202	Non-Adjustable, 190°, Injector only	2.0-3.0	3500
3-12021	Non-Adjustable, 190°, Injector only	3.0-4.0	3500
4-0111831	Complete Assy with Hose, Filter	1.0-2.0	3500
4-011183	Complete Assy with Hose, Filter	2.0-3.0	3500
4-011184	Complete Assy with Hose, Filter	3.0-4.0	3500

Adjustable Down Stream Injectors



- Down stream, adjustable
- With built in coupler and nipple

Part No.	Description	GPM	PSI
3-1203	Chem, Adj, 190°	5.0-8.0	3500
3-12031	Chem, Adj, 190°	3.0-5.0	3500
3-12032	Chem, Adj, 190°	2.0-3.0	3500

Adjustable Quick-Connect Injector



- 3500 psi
- 200°F

Part No.	GPM
360240	2-3
360242	3-5
360244	5-8

Acid Injectors

360240A	2-3
360242A	3-5
360244A	5-8
080055	Injector Repair Kit
080056	Injector Acid Kit

Series 505 Stainless Steel & Brass Injectors



All metal parts are stainless steel or brass.



- Premier type injector
- 3200 psi
- 3/8" inlet/outlet
- 190°F

Part No.	Description	GPM
505 Stainless Steel		
360505/1.8	SS Injector 1.8	2.0 – 3.6
360505/2.1	SS Injector 2.1	2.7 – 4.9
360505/2.3	SS Injector 2.3	3.3 – 6.0
109234	Repair Kit	
Brass		
360245	Brass Injector 1.8	2.0 – 3.6
360246	Brass Injector 2.1	2.7 – 4.9
360247	Brass Injector 2.3	3.3 – 6.0
109235	Repair Kit	

Exact-A-Flow Pressure Reducer / Injector

"Low side" chemical injector that regulates inlet pressure to maintain consistent chemical ratio.



- Up to 6 GPM
- 1/2" FPT I/O ports
- 1/4" hose barb chemical inlet
- ± 2% injection ratio variation

Part No.	Description
385127*	Weep Seat
385125	Non-Weep
385126**	With Switch
385128	Hose Barb with Viton Check
385129	Hose Barb with Buna Check

* Weep Seat allows pump to self-prime

** With burner control switch automatically turns burner off when water flow stops

Adjustable Bronze Float Valves



- Cast bronze body
- Live rubber stopper
- Adjustable float arm
- 180°F

Part No.	Thread	Stem	GPM @ 40 PSI
2-3012	3/8"	1/4" – 20	10
2-3011	1/2"	1/4" – 20	17
2-30110	3/4"	1/4" – 20	31
343306	1"	1/4" – 20	47
343307	1-1/4"	3/8" – 16	80

NOTE: Float valves above require stem & float, below

Repair Parts for Adjustable Valves

076406*	Long Arm
076407*	Short Arm
076408*	Thumb Screw
076411	Thumb Screw (for 1" Valve)
076418	3/8" & 1/2" Plunger
076420	3/4" Plunger
076422	1" Plunger
076409	Short Arm 1"

*Fits 3/8", 1/2" & 3/4" Valve Only

Copper & Plastic Float Balls



Part No.	Length	Material	Thread
343326	4" x 5"	Copper	1/4" – 20
343317	5"	Copper	1/4" – 20
343318	6"	Copper	1/4" – 20
Plastic			
343319	4-1/2"	Plastic	1/4" – 20
343320	5"	Plastic	1/4" – 20
343321	6"	Plastic	1/4" – 20
343322	6"	Plastic	5/16" – 18
343323	8"	Plastic	1/4" – 20
343325	4" x 5"	Plastic	1/4" – 20

Parts for other float valves also available

Stems Only



Part No.	Length	Material	Thread
343310	8"	Brass	1/4" – 20
343310C	8"	Brass	1/4" – 20 x 5/16" – 18
343311	8"	Brass	5/16" – 18
343315	10"	Brass	1/4" – 20
343313B	18"	Brass	3/8" – 16
343316	19"	Brass	1/2" – 20

Parts for other float valves also available

Float Valves



Part No.	Description
2-3014	Valve, Fluidmaster, 400A, Float
2-30140	Connector, Fluidmaster Ball Cock

PA Float Valve



- 140°F
- 3/8" MPT inlet
- Brass body
- Positional/adjustable arm
- 5 GPM max flow @ 15 psi
- 7 GPM max flow @ 30 psi

Part No.	Description
2-30121	3/8" Float Valve
110250	Repair Kit

Brass Float Valve Assembly



COMPLETE: Valve, Stem & Float



- 1/2" FPT inlet
- Brass housing with polyamide cover
- 4.5 GPM
- 175°F

Part No.	Description
2-30115	ST-8
085331	Repair Kit
343012*	MPT Adapter Kit for ST-8

*Double MPT nipple, sealing washer & lock nut

Brass Float, Ball & Stem



- 142 psi max inlet pressure
- 140°F
- 7.1 GPM @ 28 psi - 1/2" MPT inlet
- Positive soft Buna/brass shut-off
- Adjustable float ball settings
- Inlet nut and washer seal provided

Part No.	Description
343050	Valve Complete
109502	Repair Kit

Diaphragm Float Valve



- Requires only 6.5" x 3" inside tank
- All plastic snap-on float
- Positive shut off diaphragm style
- Inlet screen, tank gasket & nut included
- Rebuildable – repair parts available
- 3/4" MPT inlet
- 142 psi
- 7.86 GPM @ 28 psi
- 6.68 GPM @ 14 psi
- 140°F

Part No.	Description
343007	Float Valve Complete

Hudson Float Valve



- No external moving parts
- No float ball or arm
- Operates between 0-130 psi
- All plastic, nylon, rubber & stainless steel
- 90°F
- 1" inlet - easy installation
- Automatic anti-siphon
- Flow capacity 80% of supply (40 GPM @ 40 psi)

Part No.	Description
343022	1" Hudson Float Valve, 90°
343026	1" Hudson Float Valve, 150°

Back Flow Preventor - Check Valve

Protects water supply from harmful chemical backflow – will not allow “spike” pressure to push chemicals into supply line. **Now required by many city and state regulations**



- 3/4" female garden hose inlet (with lock screw)
- 3/4" male garden hose outlet
- Machined brass housing
- Plastic diaphragm check

Part No.	Description
2-30062	Back Flow Preventor

Check Valves - Swing Action

Retain prime on pumps with low lift capability



- Brass body with swing (flapper) action
- 150 psi
- FPT inlet/outlet
- Gravity seal – no seal pressure

Part No.	Description
310862	1/2"
310863	3/4"
310864	1"
310865	1-1/4"
310866	1-1/2"
310868	2"

Stainless Steel Check Valves



- Rated pressure: 5800 psi
- 6500 psi max pressure
- 195°F
- Female x Female
- 2.0 oz weight



Part No.	Description	GPM Flow Rate
310827	1/4" F x F	6.5
310828	3/8" F x F	13.5

High Pressure Check Valves

2500 or 3000 psi ball check.



- Buna seals
- Stainless steel check ball
- Machined brass body
- 1 psi cracking pressure

Part No.	Description
2500 PSI Miniature Ball Check	
310814	1/4"; M x F
310815	1/4"; M x M

3000 PSI Stainless Guided Ball & Quad Ring Seat

310820	1/4"; F x F
310822	3/8"; F x F

Check Valves - 1200 PSI

Allow excellent low-restriction flow in inlet direction and instant positive check action in reverse direction.



- Machined brass body
- Poppet seal
- Cracking pressure 1 psi

Part No.	Description
310804	1/4"; F x F
310806	3/8"; F x F
310808	1/2"; F x F
310811	3/4"; M x M

Brass Check Valves - Spring-Loaded

Holds pump prime without overloading pump suction.



- Machine cast brass bodies, FPT x FPT
- 150 psi
- 250°F
- Mount horizontal or vertical

Part No.	Description
310872	1/2"
310873	3/4"
310874	1"

PVC Check Valve

Holds pump prime without overloading pump suction.



- Designed for harsh chemical applications
- PVC plastic body
- Stainless steel ball check
- Cracking press 1 psi
- Choice of connects
- 125 psi
- 180°F

Part No.	Description
310834	1/4" MPT x 1/4" Barb
310835	1/4" Barb x 1/4" MPT
310837	1/4" Barb x 1/4" Barb
310838	3/8" Barb x 3/8" Barb
310844*	1/2" Barb x 1/2" Barb

*310844 has viton seals

Stainless Steel Ball Valves - 2000 PSI



- Full flow ports
- Investment cast process
- Two piece 316 Stainless bodies
- Glass-filled Teflon® seals
- 180°F @ 2,000 psi
- 300°F @ 1,000 psi
- 350°F @ 300 psi

Part No.	Description
306534	1/4" F x F
306536	3/8" F x F
306538	1/2" F x F
306540	3/4" F x F

Forged Brass Ball Valves



- 600 psi
- 180°F Working Temperature
- Forged brass body
- Full flow ports

M x F	F x F	M x M	Size
306525	306525F	306525M	1/4"
306526	306526F	306526M	3/8"
306527	306527F	306527M	1/2"
306528	306528F	306528M	3/4"
306529	306529F	306529M	1"

Nickel-Plated Brass Ball Valves



- Threaded FPT connects
- Chrome-plated ball
- Seats & seals have glass-filled Teflon®
- Full flow bore

Part No.	Size	PSI
306504	1/4"	710
306506	3/8"	710
306508	1/2"	710
306512	3/4"	570
306516	1"	570
306520	1-1/4"	430
306524	1-1/2"	430
306532	2"	360

Mini Ball Valves



- Forged brass body
- 600 psi
- 180° handle movement

M x F	F x F	M x M	Size
306350	306350F	—	1/8"
306352B	306352F	306352M	1/4"
306354B	306354F	306354M	3/8"

High Pressure Ball Valves



- Rugged carbon steel construction
- 2-way
- NPT (F x F) threads
- Blow-out proof stems
- Delrin ball seats
- Viton O-rings

Part No.	FPT	PSI
306552	1/4" x 1/4"	7350
306553	3/8" x 3/8"	7350
306554	1/2" x 1/2"	7350
306556	3/4" x 3/4"	5880

Stainless Steel High Pressure Ball Valves - 5800 PSI



- 316 Stainless steel body, ball & stem
- Viton O-rings
- Delron ball seats
- Full Port

Part No.	FPT	PSI
306553S	3/8" x 3/8"	5880
306554S	1/2" x 1/2"	5880

Stainless Steel One Piece Ball Valves - 800 PSI

Suitable for steam.



- Standard port
- 316 Stainless steel body
- 300°F @ 800 psi
- 350°F @ 400 psi

Part No.	FPT
306582	1/4" x 1/4"
306583	3/8" x 3/8"
306584	1/2" x 1/2"
306585	3/4" x 3/4"

Brass Mini Ball Valves



- Compact knob operation
- Brass housing-hex bar
- 220 psi working pressure
- Designed to fit tight quarters
- Teflon® seals
- Only 1-3/4" long

Part No.	FPT
306542	1/8" x 1/8"
306544	1/4" x 1/4"
306546	3/8" x 3/8"
306548	1/2" x 1/2"

Polypropylene Ball Valves

Full port reinforced polypropylene.



306390

306412

- 150 psi working pressure
- Easy turn with Teflon® seals
- Double seal in stem for "no leak"
- Threaded mounting bosses, brass insert on 1-1/4" - 2" sizes

Part No.	FPT
Two-Way Ball Valves	
306390	1/2" x 1/2"
306392	3/4" x 3/4"
306394	1" x 1"
306398	1-1/2" x 1-1/2"
306400	2" x 2"

Three-Way Ball Valves	
306408	1/2" x 1/2" x 1/2"
306412	3/4" x 3/4" x 3/4"
306416	1" x 1" x 1"
306420	1-1/4" x 1-1/4" x 1-1/4"
306422	1-1/2" x 1-1/2" x 1-1/2"
306424	2" x 2" x 2"

Compact PVC Ball Valves



- FPT thread both ends
- 150 psi working pressure
- Easy turn handle
- 150°F
- EPDM seals - white body

Part No.	FPT
306444	1/4" x 1/4"
306448	1/2" x 1/2"
306450	3/4" x 3/4"
306452	1" x 1"
306454	1-1/4" x 1-1/4"
306456	1-1/2" x 1-1/2"
306460	2" x 2"

PVC Ball Valves

Great for chemical On/Off flow control.



- PVC & nitrile material
- Chemical & impact resistant
- Flag handle
- 180°F
- 125 psi

Part No.	Description
306352P	1/4" Panel Mtg - Barb x Barb
306354P	1/4" Inline - Barb x Barb
306356	3/8" Inline - Barb x Barb
306358	1/2" Inline - Barb x Barb

3-Way Ball Valve



- 400 psi
- 180°F
- Teflon seat
- Buna seals
- Brass

Part No.	Description
306331	1/4" M x F x F

Flow Selector Valve

3-way & 4-way lever control with brass body



- **4-way**
Plumb for 3 inlets & 1 outlet
or 1 inlet & 3 outlets
- **3-way**
Plumb for 2 inlets & 1 outlet
or 1 inlet & 2 outlets

Part No.	Description
343734	1/4" FPT 3-Way
343736	3/8" FPT 3-Way
343744	1/4" FPT 4-Way
343746	3/8" FPT 4-Way

Flow Control Metering Valve



- Forged brass, nickel-plated body
- Panel mtg in 17/32" hole
- Compact size
- Double stem seal
- 300 psi
- 175°F rated temperature

Part No.	Description
371125	1/4", FPT In/out
371133	3/8", FPT In/out

Flow Control Metering Valve



The Valve that "Seals" (will not suck air).



- 3500 psi to 28" vacuum – No leak
- Viton gland seal isolates metering threads from solution
- Stainless steel needle/brass seat
- 1/4" FPT ports
- Heavy-duty brass bar stock body
- 195°F rated temperature
- Panel mounts 5/8" hole
- Large easy-grip four-lobe handwheel
- Aluminum or Poly available

Part No.	Description
371120X	Metering Valve / Alum Knob
371120P	Metering Valve / Poly Knob

Brass Metering Valve



- Easy grip, fluted plastic handle with pointer
- Brass body, Viton gland seal eliminates air leaks
- Panel mount 11/16" or 3/4" hole
- Extremely compact T-style
- 1/4 inlet/outlet
- 450 psi
- 170°F

Part No.	Description
371115	"T" 1/4 F x F - Forged
371116	"L" 1/4 M x M - Machined

Chemical Metering Valves / On-Off Valve



371100



2-30158



2-3028

- Dual knob control – calibrate chemical flow with base knob. Outside knob allows on/off control without changing calibration
- Single (1/2") hole panel mounting
- Brass & stainless steel materials

Part No.	Description
371100	MV-100
2-30158	MV-150
2-3028	MV-250 with Locknut

ST-66 Chemical Meter & Selection Valve



- Two input barbs – for different chemicals to single outlet barb
- Double metering dial with center OFF
- Panel mount in single 5/8" hole

Part No.	Description
371166	ST-66

GP Chemical Metering Valves



- Adjusts from off to full flow
- 4000 psi
- 6 GPM
- 2-30151 has presettable limiting orifice

Part No.	Description
2-3015	Flow Control
2-30151	Flow Control with Locking Adjustment

Thermal Relief Valves



A MUST for any pump that might ever be left in bypass mode (unloading) for more than 15 seconds! Protects the pump from overheating caused by recirculating water.



- Installs in by-pass line
- Automotive style wax element
- Automatically resets at cool down to 115°+ F
- No adjustment required
- 1/8" FPT side discharge
- 125 psi inlet pressure
- 2.5 GPM flow

Part No.	Inlet	"Trip" Temp
458000	1/4" MPT	140°F
458001	3/8" MPT	140°F
458002	3/8" MPT	170°F
458005	1/2" MPT	140°F
458007	1/2" MPT	170°F

Compact Thermal Relief Valves



- 145°F "Trip" temperature

Part No.	Inlet	"Trip" Temp
458024	1/4" MPT	145°F
2-300816	3/8" MPT	145°F
2-30082	1/2" MPT	145°F
2-3008150	1/2" MPT	190°F

Steam Valve

For "Combo" Hot Pressure Washer/Steamer Units. The single turn on/off diverter valve by-passes pump flow to reduce water flow to the coil, creating steam in place of normal hot water.



- Panel mount in 11/16" or 3/4" hole
- Machined brass body
- Easy-grip plastic knob
- 3600 psi
- 175°F
- 1/4" MPT inlet/outlet

Part No.	Orifice (mm)
400008	0.8
400012	1.2
400015	1.5
400018	1.8
400020	2.0

TRV Thermal Relief Valves

Low Profile!



- Brass body
- Plastic covered barb
- 7mm Hose barb
- 145 psi
- Opens at 145°

Part No.	Inlet
458030	1/4"
458032	3/8"
458034	1/2"

Safety Pressure Relief Valves



- Prevents pressure overloads, protecting people and equipment
- Machined brass
- Automatically resets
- 3/8" MPT

Part No.	Max PSI	Size
81-22550	1200 (Silver Spring)	1/4"
81-22560	2400 (Red Spring)	1/4"
81-22565	3600 (Orange Spring)	1/4"
2-3245	5000 PSI	3/8"

Rupture Disks



- Prevents dangerous thermal expansion of water in the coil
- Ensures operator safety

Part No.	Description
2-3409	Assembly, 7000 psi

Air Valve - Coil Blow Out

Install in front of coil and use air pressure to blow water out of coil to prevent "Freeze Up".



- Threaded connection
- 1/8" model is stainless steel
- 1/4" brass valve
- Valve cap included

Part No.	Description
2-30131	Valve Assy, fits Garden Hose Inlet Swivel
2-30132	Valve Assy, fits Water Tanks
2-3013	Air Valve Stem Only, 1/8"
140073	1/8" Stainless Steel Connect
140075	1/4" Connect

Pressure Reducing Valve

INLINE – Garden Hose Connect



- 200 psi max inlet pressure (See discharge pressures, below)
- Protects pumps from supply pressure surges
- Improves efficiency of float valves
- Brass construction
- 3/4" female garden hose inlet (See outlets, below)

Part No.	Discharge	Outlet
385130	20 psi	1/2" FPT
2-3010	20 psi	3/4" MGH
385133	30 psi	3/4" MGH
385134	40-50 psi	3/4" MGH

E-Z Start Valve



Relieves pump head pressure during engine/motor starting, seals when full system flow is reached, saving battery and arm power. Cuts Amp draw on electric motors.



- 1/4" or 3/8" MPT inlet
- 1/8" FPT outlet
- 8 GPM
- Stainless steel spring and ball
- 5000 psi

Part No.	Description
2-3100543	1/4" MPT x 1/8" FPT
2-3100544	3/8" MPT x 1/8" FPT

Easy Start Valve

Relieves pump head pressure during engine/motor starting, seals when full system flow is reached, saving battery & arm power. Cuts Amp draw on electric motors startup.



- 3/8" MPT inlet
- 1/8" FPT outlet
- Machined brass housing
- Hose barb outlet
- Stainless steel internal
- 8 GPM
- 200°F

Part No.	Description
339004	Easy Start Valve, 4100 psi
339005	Easy Start Valve, 3500 psi
140350	Hose Barb, 1/8 x 1/4 barb

Easy Start Valve



Relieves pump head pressure during engine/motor starting, seals when full system flow is reached, saving battery & arm power. Cuts Amp draw on electric motors startup.



- 3/8" MPT inlet
- Hose barb outlet (8 mm)
- Machined brass body
- Stainless steel spring & ball
- 7.8 GPM
- 3200 psi
- 176°F

Part No.	Description
339006	Easy Start Valve

Speedmaster Throttle Control



Stop overworking the engine and pump during bypass. Decelerator reduces engine speed when pump head pressure drops below 215 psi, reduces flow during bypass, slows recirculation heat buildup.



- 3500 psi
- 300°F
- A major system saver for gas engine units
- Machined brass body
- Stainless steel gland components
- 1/4" male connect
- Viton seals
- 42" lined and covered control cable
- Engine speeds infinitely adjustable for "Fine Tuned" system performance

Part No.	Description
339000A	Throttle Control

VALVES & GAUGES

Stainless Steel Pressure Gauges



- AISI 304 stainless steel case
- Bronze Bourdon tube
- 99.5% pure glycerin filled
- PSI & Bar dual scale
- 1/4" NPT brass mounting stem
- Convex magnifying lens for easy reading
- Steel needle & peg
- Accuracy $\pm 1.5\%$

Part No.	Pressure Range
2-1/2" Bottom Mount with Bronze Internals	
348216	0-100 psi
348220	0-200 psi
348224	0-300 psi
348230	0-500 psi
348240	0-1000 psi
348245	0-2000 psi
348250	0-3000 psi
348255	0-4000 psi
348260	0-5000 psi
348262	0-6000 psi
348265	0-10,000 psi
2-1/2" Back Mount with Bronze Internals	
348125	30Hg - 0 Vacuum
348140	0-100 psi
348150	0-500 psi
348152	0-1000 psi
348154	0-2000 psi
348156	0-3000 psi
348158	0-4000 psi
348160	0-5000 psi
348162	0-6000 psi
348165	0-10,000 psi
Mounting Hardware for Back Mount Gauges	
348001	U-bracket
348090*	3-hole flange, mounted

*must be factory mounted

Steel Utility Gauges

Dry Gauges!



- Black lacquered steel case
- Bronze bourdon tube
- Dry gauge
- 1/4" NPT brass mounting stem
- Accuracy $\pm 3-2-3\%$

Part No.	Pressure Range
2" bottom mount	
348552	0-60 psi
348554	0-100 psi
348558	0-200 psi
348560	0-300 psi

Corrosion-Resistant ABS Gauge



- Acid & alkali proof plastic case
- Bronze bourdon tube
- 1/4" NPT brass mounting stem
- Accuracy Dry: $\pm 3-2-3\%$
Filled: $\pm 1.5\%$

Part No.	Pressure Range
348305	0-100 psi
348307	0-200 psi
348308	0-300 psi
348312	0-1000 psi
348313	0-2000 psi
348314	0-3000 psi
348316	0-5000 psi

Fuel Oil Pressure Gauge



- 0-200 psi
- Perfect for testing burner pump fuel pressure

Part No.	Pressure Range
079020	0 - 200 psi

AMP Meters



- Designed for OEM or replacement
- Utilize as constant monitor or as test instruments
- Accuracy to $\pm 5\%$
- Rugged & weather-resistant
- Bright stainless bezel
- Metal case
- Fits 2-1/16" mounting hole

Part No.	Range
091321	-15 to +15 Amps
091323	-20 to +20 Amps
091344	-60 to +60 Amps

*Requires 2-1/8" hole

Hour Meters for Gasoline Engines



- Elapsed time
- Made in U.S.A.
- No battery required
- Digital quartz accuracy ($\pm .02\%$)
- Extremely rugged & tamperproof
- Sealed from dirt & moisture
- Requires 2" panel cutout

Part No.	Description
358460	For Recoil Start / 4-40 VDC
358464	For Electric Start / 4-40 VDC
358466	Minitach/ Hourmeter

Hour Meter



- Elapsed time
- Extremely rugged and tamperproof
- Sealed from dirt and moisture

4-050822
4-050823

Part No.	Description
4-050822	110V/230V
4-050823	12V
4-0508	VDO, 12VDC, Round, old style
4-050820	Tachometer/Hour Meter 12VDC

Voltmeter



- Monitor alternators/generators
- Everclear glass lens
- Versatile — use as TEST instruments or mount permanently on or near engine — accurate to within 10% of full scale

Part No.	Description
4-0507	120 VAC SGHW, SDHW

Temperature Gauges



(Dial Thermometers)



- 3" diameter dial – stainless steel case
- Shatter-resistant polycarbonate lens
- Stainless steel stem (2.5")
- 1/2" MPT connector
- Accuracy to within 3% of dial range (ie. 50 - 500 = $\pm 6.8^\circ\text{F}$)

Part No.	Description
4-0505	Temp Gauge +50° to 500°F

NOTE: "Thermowell" to be used with dial thermometers in systems over 300 PSI. For best results fill thermowell with liquid silicon or glycol to increase sensitivity and accuracy of readings.

Thermowell for temperature gauge above

- Brass 3/4" MPT x 1/2" FPT
- Gives 2000 psi collapse protection
- 1.75" immersion length

Part No.	Description
426423	Thermowell for 426410 above

Pressure & Temperature Test Set



Convenient test set provides both pressure and temperature check with one easy quick coupled connection at outlet of unloader or coil.



4-0601

- **Test Set 5000**
500°F Thermometer
5000 psi pressure gauge
for systems up to 2000 psi
- **Test Set 8000**
500°F Thermometer
8000 psi pressure gauge
for systems up to 4000 psi
- **Test Set 10,000**
10,000 psi pressure gauge
for systems up to 5000 psi

Part No.	Description
4-0601	Test Set 5000 (0-2500 psi systems)
449048	Test Set 8000 (0-4000 psi systems)
449040	Test Set 10,000 (0-5000 psi systems)
4-0600	Pressure Gauge Assy (0-5000 psi)

Flow Meters



The answer to precision calibration and efficient operation of pressure washing systems.



- Flow scale measures Gallons Per Hour (GPH)
- 100 psi
- 150°F
- 1/8" FPT inlet & outlet port
- Wetted parts are brass or stainless steel, with or without metering valves
- Accurate within $\pm 5\%$
- Precision cut and machined clear acrylic
- Metal mounting inserts for ease of installation (10-32 threads)
- Compact size – 2" tall scale, 4-3/32" overall height

Part No.	GPH	Metal	Metering Valve
343722	.6 – 5	Brass	no
343723	.6 – 5	Brass	yes
343726	2 – 10	Brass	no
343727	2 – 10	Brass	yes
343724	.6 – 5	SS	no
343725	.6 – 5	SS	yes
343728	2 – 10	SS	no
343729	2 – 10	SS	yes

NOTE: All flow measurements must be on Low Pressure side of pump.

Honda Engines - Gasoline



HONDA V-TWIN

Honda 20 hp and 24 hp V-Twin Overload Valve models are powerful and easy to start. Lightweight design for reduced fuel and oil consumption.

- V-Twin Overload Valve
- Meets CARB and EPA standards

Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-01092	20	1"	Electric	20 Amp	No	GX620QAF1
5-01093	20	1"	Electric	20 Amp	No	GX620K1QZB3
5-01094	24	1-1/8"	Electric	20 Amp	No	GX670TXF2

NOTE: Mufflers for the above engine are sold separately. See Honda Engine Parts section below.



HONDA OHV

These overhead valve, horizontal shaft engines are the workhorses of the industry.

- 5.5 to 13 hp
- Meets CARB and EPA standards

Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-0104	5.5	3/4"	Recoil	N/A	1.0 gal	GX160K1QX2
5-01041	6.5	3/4"	Recoil	N/A	1.0 gal	GX200K1QX
5-0102	9.0	1"	Recoil	N/A	1.6 gal	GX270 QA2
5-01021	9.0	1"	Recoil	18 Amp	1.6 gal	GX270 QAR2
5-0105	11.0	1"	Recoil	N/A	1.85 gal	GX340K1QA2
5-0107	11.0	1"	Electric	N/A	1.85 gal	GX340QAE
5-01070	11.0	1"	Recoil	18 Amp	1.85 gal	GX340QAH2
5-01072	11.0	1"	Electric	18 Amp	1.85 gal	GX340QNR2
5-010720	13.0	1"	Electric	18 Amp	1.85 gal	GX390QNR2
5-010721	13.0	1"	Recoil	N/A	1.85 gal	GX390K1QA2
5-010722	13.0	1"	Electric	N/A	1.85 gal	GX390KQAE2



HONDA GC

The Honda GC engine is a rugged, powerful and economical overhead cam engine designed specifically for home-use and recreational applications.

- Overhead cam
- Meets CARB and EPA standards

Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-0101	5	3/4"	Recoil	N/A	1.0 gal	GC160QUA



Honda Engine Parts



77-310



77-500



77-330



77-331

Original Honda replacement parts from the factory. Filters are a great add-on to every service order.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations



Part No.	Description	Engine Model No.
77-100	Spark Plug	All GX models
77-300	Air Filter	GX140, GX200
77-310	Air Filter, Dual	GX240, GX270
77-320	Air Filter	GX340, GX390
77-331	Air Filter	GX610, GX620, new style
77-330	Air Filter	GX610, GX620, old style
77-500	Oil Filter	GX610, GX620
77-VHRM1	Muffler	620K Version, 20 hp, MHP, old style
77-VHLM1	Muffler	620K Version, 20 hp, PG/PGHW, old style
77-VHLM4	Muffler, Honda	GX620/GX670 for K-1 Eng, SkidsPG
77-VHRM4	Muffler, Honda, Right	GX620/GX670 for K-1 Eng, MHP/MVP/MPG

Briggs & Stratton Engines - Gasoline



VANGUARD, V-TWIN OHV

Briggs & Stratton's top-of-the-line engines have proven performance in the pressure washer industry.

- Easy, quick starting
- Large fuel tank
- Super quiet muffler
- OilGuard® low-oil shutdown



Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-0306	16	1"	Recoil	N/A	2.25 gal	Vanguard
5-0309	16	1"	Electric	20 Amp	N/A	Vanguard
5-0317	16	1"	Electric	20 Amp	2.25 gal	Vanguard
5-0316	21	1"	Electric	N/A	N/A	Vanguard

NOTE: Mufflers for the above engine are sold separately. See Briggs & Stratton Engine Parts section below.



OHV VANGUARD

Power to complete any job quicker and easier with less wear and tear on major engine components.

- State-of-the-art carburetion system
- 30% quieter muffler than competition
- Cast/sintered iron sleeve
- OilGuard® low-oil shutdown



Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-0300	6	3/4"	Recoil	N/A	1 gal	Vanguard
5-0313	11	1"	Recoil	N/A	2 gal	Vanguard
5-0314	13	1"	Recoil	N/A	2 gal	Vanguard
339405	5.5		One Pull Starting			Intek-Pro

Briggs & Stratton Engine Parts Selection Chart

Use the selection chart below to find the correct part for the specific Briggs & Stratton model.



Description	Oil Filter	Air Filter	Air Pre-Filter	Fuel Filter	Spark Plug	Engine Model No.
Vanguard, 6 hp	n/a	76-491588S	76-491435S	2-9903	76-491055	117432-0236-E1
Vanguard, 9 hp	n/a	76-710266	76-710268	2-9903	76-491055	185432-0235-E1
Vanguard, 16 hp with Fuel Tank, Pull/Start	76-491056	76-394018S	76-272490S	76-394358	76-491055	303442-1027-E1
Vanguard, 16 hp ES, 20 Amp	76-491056	76-393957	76-272490S	76-394358	76-491055	303447-1110-E1
Vanguard, 11 hp	n/a	76-710266	76-210268	2-9903	76-491055	235432-0235-E1
Vanguard, 13 hp	n/a	76-710266	76-210268	2-9903	76-491055	245432-0235-E1
Vanguard, 21 hp ES	76-492932S	76-692519	76-692520	76-691035	76-491055	381447-0253-E1
Vanguard, 16 hp ES with Fuel Tank	76-491056	76-394018S	76-272490S	76-691035	76-491055	303447-1306-E1

Briggs & Stratton Engine Parts

Genuine Briggs & Stratton replacement parts are available from LANDA. Please provide engine model/type/code to assure proper fit of replacement parts or see above selection chart above.

- Authorized manufacturer replacement parts
- Don't settle for cheap imitations



Part No.	Description
76-491056	Oil Filter
76-491588	Air Filter
76-394018S	Air Filter
76-393957	Air Filter
76-272490S	Air Pre-Filter
76-394358	Fuel Filter
76-491055	Spark Plug

Part No.	Description
76-807964	Muffler, Exhaust 16 HP Vanguard
76-807965	Muffler, Exhaust 16 HP Vanguard, Hi-Right
76-808597	Muffler, Exhaust 21 HP

Robin-Subaru Engine - Gasoline



Part No.	Description	HP	Model No.
5-0003	Manual Start, 200 Watt Charging System	6.0	EX17
5-0004	Manual Start, 200 Watt Charging System	7.0	EX21

Kohler Engine Parts



Genuine Kohler replacement parts.

KOHLER

- Authorized manufacture replacement parts
- Don't settle for cheap imitations

Part No.	Description	Engine Model
73-2408303	Air Filter	Kohler 25 hp
73-2404102	Gasket, Exhaust Muffler	Kohler 25 hp
73-2478612	Muffler	Kohler 25 hp
73-1205001	Oil Filter	Kohler 25 hp
73-2408302	Pre-Filter, Air	Kohler 25 hp
73-1213202	Spark Plug	Kohler 25 hp
73-4834001	Key, Ignition	Kohler 25 hp

Lombardini Engines - Diesel



Lombardini Water Cooled Diesel Engines provide superior power and quiet operation.



- Diesel powered
- Water cooled

Part No.	HP	Shaft Diameter	Starter	Charge Rate	Fuel Tank	Model No.
5-0405	15	1-1/2"	Electric	N/A	No	LDW602, Water Cooled
5-0407	26	1-1/2"	Electric	N/A	No	LDW903, Water Cooled

Lombardini Engine Parts



Factory direct Lombardini parts from Italy. Many parts stocked at LANDA.



- Authorized manufacturer replacement parts

Part No.	Description	Engine Model
74-2175107	Oil Filter	LDW602/903
74-2175164	Air Filter	LDW602/903
74-2175045	Fuel Filter	LDW602/903

12 VDC Starter Solenoid

Universal type used on many lawn and garden tractors and mowers.



- Double terminal – 5/16" - 24 studs
- Same as used on 16 HP B & S Vanguard engines
- Rated for intermittent duty (i.e. for starting small gasoline engines)

Part No.	Description
091357	12V DC Starter

Keyed Ignition Switch - 12 VDC



- Universal style/5 pole
- Off-On-Start (spring back to On)
- Panel nut and star-lock washer
- Two keys included
- Has two auxiliary circuits
- Universal - used for small engine controls on many lawn and garden tractors, mowers

Part No.	Description
6-0206	Keyed Ignition Switch, 5 pole
091351	Keyed Ignition Switch, 6 pole

Baldor Motors - Open Drip Proof (ODP)



1 PHASE
56 FRAME



1 PHASE
184T FRAME



3 PHASE
184T FRAME

Industrial grade motors built specifically to meet or exceed the demands of the pressure washer industry.

- The industry standard
- U.L. Listed
- Any Baldor motor available



Part No.	HP	Phase	Voltage	RPM	Frame	Model
5-1044	1.5	1PH	115/230V	3450	56	34F171W448
5-1046	1.5	1PH	115V	3450	56C	17E072W505
5-1046E*	1.5	1PH	115V	3450	56C	34F316W448S2
5-1047	2.0	1PH	115/230V	3450	56C	35R613R717G1
5-1043	2.0	1PH	115/230V	3450	56H	35K263Y685
5-1071	2.0	1PH	115V	1725	56	35Q371R021G1
5-1047E*	2.0	1PH	115/230V	3450	56C	35K894Y685
5-1048	3.0	1PH	230V	3450	56C	35R613Y771G1
5-10081	3.0	1PH	208/230V	1725	56HC	35M895T356
5-1053	5.0	1PH	208/230V	3450	56CZ	35R606R761G1
5-1053E*	5.0	1PH	208/230V	3450	56CZ	35L358S214
5-10104	5.0	1PH	230V	1725	184TCZ	36G472W849
5-10401	6.2	1PH	230V	1725	184TZ	36J185X288G1
5-1011	6.2	3PH	208/230/460V	1725	184T	36B101Y483H2
5-1013	7.5	1PH	230V	1725	215T	L1510T
5-10145	7.5	3PH	230/460V	1725	213T	M3311T
5-1080	8.2	1PH	208V	1725	215	N/A
5-1081	8.2	3PH	208V	1725	215	N/A
5-1082	8.2	1PH	230V	1725	215	N/A
5-1083	8.2	3PH	230/460V	1725	215	N/A
5-1016	10.0	1PH	230V	1725	215T	L1512T
5-1018	10.0	3PH	230/460V	1725	215T	M3313T
5-1025	15.0	3PH	230/460V	1725	254T	M2513T

*Replacement for old style **LANDA** "HOT" units, these have the capacitors on the side.

Baldor Motors - Totally Enclosed Fan Cooled (TEFC)



1 PHASE

Totally enclosed for special applications

- The industry standard
- U.L. Listed
- Any Baldor motors available



Part No.	HP	Phase	Voltage	RPM	Frame	Model
5-1006	1.5	1PH	115/208/230V	1725	56	35E770S728G3
5-1074	2.0	1PH	115/208/230V	1725	56H	35N486S301G1
5-1070	4.0	1PH	230V	1725	56H	35Q988R447G1

NOTE: Any Baldor TEFC motor can be ordered.

Baldor Motors - C-Face Open Drip Proof (ODP)



Built to "Industrial" Specifications. "S" Indicates Motor Has On/Off Switch.



Part No.	HP/S	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Amps	Voltage
Single Phase							
337255	3/4	1725	5/8"	5 7/8"	56/56C	10.2/5.4/5.1	115/208/230
337302	1.5	1725	5/8"	5-7/8"	56/56C	14/7	115/230
337304	1.5	3450	5/8"	5-7/8"	56/56C	13.2/6.6	115/230
337232B	1.5S	1725	5/8"	5-7/8"	56/56C	14/7	115/230
337234B	1.5S	3450	5/8"	5-7/8"	56/56C	13.2/6.6	115/230
337311	2.0	1725	5/8"	5-7/8"	56/56C	18.4/9.2	115/230
337313	2.0	3450	5/8"	5-7/8"	56/56C	17.6/8.8	115/230
337240B	2.0S	1725	5/8"	5-7/8"	56/56C	18.4/9.2	115/230
337242B	2.0S	3450	5/8"	5-7/8"	56/56C	17.6/8.8	115/230
337321	3.0	1725	1-1/8"	7-1/4"	184TC	32/16	115/230
337323B	3.0	3450	5/8"	5-7/8"	56/56C	13.7/12.5	208/230
337263B	3.0S	3450	5/8"	5-7/8"	56/56C	13.7/12.5	208/230
337264B	3.0	1725	5/8"	5-7/8"	184CZ/56C	32/16	115/230
337265B	3.0S	1725	5/8"	5-7/8"	184CZ/56C	32/16	115/230
337266B	3.0S	1725	1-1/8"	7-1/4"	184TC	32/16	115/230
337267B	4.0	1725	1-1/8"	7-1/4"	184TC	17.5/16	208/230
337268B	4.0	1725	5/8"	5-7/8"	182TCZ/56C	17.5/16	208/230
337269B	4.0	3450	5/8"	5-7/8"	56/56C	38/21/19	115/208/230
337330	5.0	1725	1-1/8"	7-1/4"	184TC	25/23	208/230
337271B	5.0	1725	1-1/8"	7-1/4"	184TC	25/23	208/230
337272B	5.0	3450	5/8"	5-7/8"	56HCY/56C	24/23	208/230
337273B	6.0	1725	1-1/8"	7-1/4"	213C/182TC	26	230
337275B	7.5	1725	1-1/8"	7-1/4"	215C/182TC	36/33	208/230
Three Phase Motors							
337520	3.0	1725	1-1/8"	7-1/4"	182TC	8.6/8.2/4.2	208/230/460
337530	5.0	1725	1-1/8"	7-1/4"	184TC	14.8/14.7/7.4	208/230/460
337535	7.5	1725	1-3/8"	7-1/4"	215TC	23/22/11	208/230/460
337536	7.5	1725	1-1/8"	7-1/4"	215TCZ/184TC	23/22/11	208/230/460
337542	10.0	1725	1-1/8"	7-1/4"	215CZ	30/28/14	208/230/460

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated voltage and properly sized wiring is used to supply power to motor.

Baldor Motors - Rigid Base Open Drip Proof (ODP)



3 PHASE
184T FRAME

Part No.	HP/S	RPM	Shaft Dia	Motor Frame	Amps	Voltage
Single Phase						
337301	1.5	1725	5/8"	56	14/7	115/230
337312	2.0	3450	5/8"	56	17/8.8	115/230
337310	2.0	1725	5/8"	56	18.4/9.2	115/230
337320	3.0	1725	1-1/8"	184T	32/16	115/230
337331	5.0	3450	5/8"	56	23-21	208/230
337329	5.0	1725	1-1/8"	184T	25/23	208/230
337279	7.5	1725	1-3/8"	215T	3-31	208-230
Three Phase Motors						
337529	5.0	1725	1-1/8"	184T	14.8/14.7/7.4	208/230/460
337534	7.5	1725	1-3/8"	213T	23/22.5/11.3	208/230/460
337540	10.0	1725	1-3/8"	215T	30/28/14	208/230/460
337545	15.0	1760	1-5/8"	254T	40.9/39/19.5	208/230/460

NOTE: Amp draw ratings require adequate wire size and full voltage to apply. Full load Amp ratings apply only when full rated.

Baldor Motors - Totally Enclosed Fan Cooled (TEFC)



Featuring heavy gauge steel frames, ball bearings, welded base and “snap-action” starting for reliability. Built to industrial specifications.



Part No.	HP	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Amps	Voltage
Single Phase							
337351	1.5	1725	5/8"	None	56	12/6	115/230
337352	1.5	1725	5/8"	5-7/8"	56C	12/6	115/230
337354	1.5	3450	5/8"	5 7/8"	56C	13.2/6.6	115/230
337363	2.0	3450	5/8"	5-7/8"	56C	17/8.5	115/230
337362	2.0	3450	5/8"	None	56	17/8.5	115/230
337361	2.0	1725	7/8"	5-7/8"	145TC	8.3	230 only
337370	3.0	1725	1-1/8"	None	184T	13.2	230
337373	3.0	3450	5/8"	None	56	12.5	230
337374	3.0	3450	5/8"	5-7/8"	56C	13.8-12.5	208-230
337379	5.0	1725	1-1/8"	None	184T	23	230
337380	5.0	1725	1-1/8"	7-1/4"	184TC	23	230
337376	5.0	3450	1-1/8"	None	184T	19.5	230
337377	5.0	3450	1-1/8"	7-1/4"	184TC	19.5	230
337383	7.5	1725	1-3/8"	None	215T	29-32	208-230
337280	7.5	1800	1-1/8"	7-1/4"	215C	34.1-30.8	208-230
337384	7.5	3450	1-3/8"	None	213T	30-33	208-230
337393	10.0	1725	1-3/8"	None	215T	40	230
Three Phase Motors							
337519	3.0	1725	1-1/8"	7-1/4"	182TC	9.1-8.2/4.1	208-230/460
337334	5.0	1725	1-1/8"	None	184T	14.6-13.2/6.6	208-230/460
337333	5.0	1725	1-1/8"	7-1/4"	184TC	14.6-13.2/6.6	208-230/460
337537	7.5	1725	1-3/8"	None	213T	22.1-20/10	208-230/460
337276	7.5	1725	1-3/8"	7-1/4"	213TC	22.1-20/10	208-230/460
337385	7.5	3450	1-1/8"	None	184T	19-17.2/8.6	208-230/460
337544	10.0	1725	1-3/8"	None	215T	29-26/13	208-230/460
337396	10.0	3450	1-3/8"	None	215T	26.6-24/12	208-230/460

NOTE: Some of these motors will require two days from order to shipping.

A.O. Smith - Pressure Washer Motors

Excellent power efficiency. “S” indicates Motor has On/Off switch.



Part No.	Motor HP/S*	RPM	Shaft Dia	Bolt Circle	Frame/C-Face	Full Load Amps	Voltage
337402	1.5	1800	5/8"	5-7/8"	56C/56C	13.4/6.7	115/230
337404	1.5	3450	5/8"	5-7/8"	56C/56C	15.0/7.5	115/230
337405S	1.5	3450	5/8"	5-7/8"	56C/56C	15.0/7.5	115/230
337411	2.0	1800	5/8"	5-7/8"	56C/56C	17.2/9.2/8.6	115/230
337412S	2.0	1800	5/8"	5-7/8"	56C/56C	17.2/9.2/8.6	115/230
337413	2.0	3450	5/8"	5-7/8"	56C/56C	17.2/9.2/8.6	115/208/230
337414S	2.0	3450	5/8"	5 7/8"	56C/56C	17.2/9.2/8.6	115/208/230
337423	3.0	3450	5/8"	5-7/8"	56C/56C	13.5	208/230
337424S	3.0	3450	5/8"	5-7/8"	56C/56C	13.5	208/230
337432	5.0	3450	5/8"	5-7/8"	56C/56C	22.0	208/230
337438	6.0	3450	5/8"	5-7/8"	56C/56C	22.0	208/230
TEFC Motor							
337407T	1.5	1750	5/8"	5-7/8"	56C/56C	15.0/7.5	115/230

Small Engine Test Equipment

Spark Tester



- Handy tool allows safe, easy visual inspection of ignition output
- Connects BETWEEN plug & plug wire
- Totally contained spark
- Engine will run with tester attached
- Neon test light verifies proper ignition

Part No.	Description
091126	Spark Tester

Compression Tester



- Designed for small engines
- 2-1/2" dial reads up to 300 psi
- 12" flexible hose to reach spark plug holes
- Adapters for 14mm and 18mm spark plug holes
- Built-in pressure holding/ release valves

Part No.	Description
091133	Comp Tester

Wireless Tachometer



- Terrific service aid for 1-cylinder engines
- Just hold built-in antenna near spark plug
- Excellent for setting GPM on pressure washers; accuracy within 2% of full scale
- Two scales: 0-5000 RPM or 0-15,000 RPM
- Solid state electronics
- Requires 9 volt battery (not included)

Part No.	Description
091132	Wireless Tach

Couplers Built by Browning or Lovejoy

Listed as individual coupler sections (half) to allow flexibility in design.
For complete coupler select:

Bore size for motor + Bore size for pump + Spider = Complete Coupler

NOTE: Select halves from same series as listed in groups below (i.e. All "090/095", "099/100")



Part No.	Description	Bore
090/095 SERIES: Up to 3 HP Electric or 4 HP Gas		
336031	Coupler Half	24 mm
336050	Coupler Half	5/8" (090)
336044	Coupler Half	3/4" (090)
336045	Coupler Half	15/16" (090)
336049	Buna Spider for 090 (STD)	
099/100 SERIES: Up to 5-7 1/2 HP Electric or 5-13 HP Gas		
336038	Coupler Half	3/4" (100)
336048	Coupler Half	15/16" (099)
336037	Coupler Half	20 mm (100)
336039	Coupler Half	24 mm (099)
336039A	Coupler Half	24 mm (100)
336040	Coupler Half	1" (100)
336042A	Coupler Half	1-1/8" (100)
336047	Coupler Half	1-3/8" (100)
336043	Buna Spider for 099/100 (STD)	

Reference / Calculation Guide

Conversion Factors

1 inch = 25.4 mm	1 gal H2O = 8.33 lbs	1 gal = 3.79 liter	1 kg = 2.205 lbs
1 cm = 0.394 inch	1 oz = 23.35 gram	1 liter = 0.2642 gal	1 KW = 1.341 HP

Horsepower (HP) Equations

$$HP = \frac{GPM \times PSI}{1460}$$

$$PSI = \frac{HP \times 1460}{GPM}$$

$$GPM = \frac{HP \times 1460}{PSI}$$

Pulley Equations

Pump Pulley Diameter x Pump RPM = Manufacturer Pulley Diameter x Manufacturer RPM

Questions and Answers

Q: How fast do I turn my pump to give me a desired GPM?

A: Required RPM = $\frac{(\text{desired GPM} \times \text{Rated RPM})}{\text{Rated GPM}}$

Q: What size pump pulley do I use to get a certain RPM?

A: Pump Pulley Diameter = $\frac{\text{Motor Pulley Diameter} \times \text{Motor RPM}}{\text{Pump RPM}}$

Belts



- Full line of belts
- "V" notched for longer life and better performance
- For all LANDA machines

Part No.	Size
5-602026	AX26
5-602029	AX29
5-602031	AX31
5-602033	AX33
5-602034	AX34
5-602037	AX37
5-602040	AX40
5-602041	AX41
5-602035	AX35
5-602036	AX36
5-602038	AX38
5-602042	AX42
5-604022	BX22
5-604032	BX32
5-604034	BX34
5-604035	BX35
5-604036	BX36
5-604037	BX37
5-604038	BX38
5-604040	BX40
5-604042	BX42
5-604044	BX44
5-604046	BX46
5-604048	BX48
5-604051	BX51

Bushings



- Split taper, malleable iron
- Keyed to both shaft and hub
- Highest torque carrying capacity

Part No.	Description
5-511063	H x 5/8
5-511075	H x 3/4
5-511088	H x 7/8
5-511100	H x 1
5-511113	H x 1-1/8
5-511138	H x 1-3/8
5-511139	H x 1-3/8-6B, Spline
5-522138	P1 x 1-3/8 x 5/16
5-522158	P1 x 1-5/8
5-531112	P2 x 1
5-531144	P2 x 1-7/16
5-512020	H x 20MM
5-512022	H x 22MM
5-512024	H x 24MM
5-512025	H x 25MM
376332	H x 32MM
376335	H x 35MM

Pulleys

Fits Interpump, General and Admiral XLS, XDS Series pumps, plus XD3040, XD3047, XD3055 and XD3065.



- Double groove
- 24mm bore
- 2 x A groove

Part No.	OD
376304	4.0"
376305	5.5"
376306	6.3"

Pulleys

- High quality cast iron pulleys
- Cast design
- All sizes available



AK pulley



2AK pulley



BK pulley



2BK pulley



3TB pulley

Part No.	Size	OD
5-40102158*	AK21	2.10"
5-40102358*	AK23	2.30"
5-40102558*	AK25	2.50"
5-40102858*	AK28	2.80"
5-40103001	AK30H	3.05"
5-40103201	AK32H	3.25"
5-40103401	AK34H	3.45"
5-40103901	AK39H	3.75"
5-40107401	AK74H	7.25"
5-40108401	AK84H	8.25"
5-40108901	AK89H	8.75"
*5/8 Bore		
5-40203001	2AK30H	3.05"
5-40203201	2AK32H	3.25"
5-40203401	2AK34H	3.45"
5-40204901	2AK49H	4.75"
5-40205101	2AK51H	4.95"
5-40205401	2AK54H	5.25"
5-40206401	2AK64H	6.25"
5-40207401	2AK74H	7.25"
5-40208401	2AK84H	8.25"
5-40209401	2AK94H	9.25"
5-40403001	BK30H	3.30"
5-40403201	BK32H	3.35"
5-40403401	BK34H	3.55"
5-40403601	BK36H	3.75"
5-40404001	BK40H	3.95"
372586	BK45H	4.25"
372596T	BK47H	4.45"
372650T	BK52H	4.95"
5-40405701	BK57H	5.45"
5-40406001	BK60H	5.75"
372704T	BK62H	5.95"
5-40406501	BK65H	6.25"
5-40407001	BK70H	6.75"
5-40407501	BK75H	7.25"
5-40408001	BK80H	7.75"
5-40408501	BK85H	8.25"
372799T	BK100H	9.75"
5-40503201	2BK32H	3.35"
5-40503401	2BK34H	3.55"
5-40503601	2BK36H	3.76"
5-40504001	2BK40H	3.95"
5-40504501	2BK45H	4.25"
5-40504701	2BK47H	4.45"
5-40505201	2BK52H	4.95"
5-40506001	2BK60H	5.75"
5-40506201	2BK62H	5.95"
5-40507001	2BK70H	6.75"
5-40505001	2BK50H	4.75"
5-40506501	2BK65H	6.25"
5-40506701	2BK67H	6.45"
5-40508001	2BK80H	7.75"
5-40509001	2BK90H	8.75"
5-40510001	2BK100H	9.75"
5-406040	2TB40	4.35"
5-407034	3TB34	3.75"
5-407040	3TB40	4.35"

BURNERS

Burner Assembly



- High efficiency, low amp diesel burner
- "Clean Cut" fuel pump eliminates smoking
- Easy to adjust airbands



Part No.	Description
7-00030	14VDC, MHP, PGDC Units
7-00031	14VDC, MVC
7-00009	115V, AFG, VHW Units
7-00011	115V, AFG, with Cap Start Motor, Skids, PHWS
7-00012	115V, AFG, Hot Units
7-00013	115V, AFG, HOT, OHW, PHWS Units
7-00021	115V, AFG, VHW, VHWS Units
7-00090	230V, AFG, VHW, VHWS Units
7-00010	230V, SM, with 120V Solenoid, HOT, OHW, PHWS Units

115 / 230 Volt Oil Burners



- .4 to 3 GPH firing rate
- 6-1/4" blower fan 115V and 230V
- 3450 RPM pump/blower motor
- Solid state ignition
- Beckett "CleanCut" fuel pump with oil valve
- Air tube 2-3/4"
- UL recognized



Part No.	Description
307032	Beckett AFG 115
307036	Beckett AFG 230

12 Volt DC Oil Burner



- 12 Volt solid state ignition
- 1/6 HP
- 3450 RPM
- 4-1/4" Fan
- Beckett "CleanCut" fuel pump with oil valve



Part No.	Description
307059	Beckett 14V
307061	Beckett 13.5V with Electric Eye

NOTE: Proper operation requires an engine with 16+ Amp alternator and deep cycle battery on nightly, overnight recharge

Electrode / Insulator Assembly



Part No.	Beckett No.	Description
7-5780	5780	Std to 9", AC,A,F,SR, SM
079535	5940	Std to 9", MB/MD
079536	5781	Std to 9", A & S
079548	578728	ADC Electrode
7-578726	578726	ADC Electrode
7-578727	578727	Electrode Kit AFG
7-578711	578703	Electrode Kit SM

Flex Couplings



Part No.	Beckett No.	Description
2-001449	2454	Flex Coupling 5/16 "A", (M/A)
079521	2290	Flex Coupling 7/16 "S", (J/H)
7-2433	2433	Flex Coupling 5/16 "S", (M/A)
079523	21282	Flex Coupling 7/16 "A", (J/H)
7-21405	21405	Flex Coupling 12 VDC

Beckett Misc. Parts

Part No.	Beckett No.	Description
079530	149	Electrode Clamps (ALL)
079542	5432	Flange, with Gasket (ALL)
079543	5850	Flange, Split Unl, A&S
7-3616	3616	Gasket, Universal, AMF
7-3416	3416	Gasket, Unit Mtg
7-5877	5877	Burner Housing, AFG/ADC
079595	5717 (51400)	Knurled Nut Kit, ADC
079677	51304	Transf Mtg Gasket, AFG
079674	31404	Transformer Clip
7-7006U	7006U	Cadcell Flame det
079684	7350U	Primary Control (7434U)
079675	3245	Transformer Spring
079629	AF90	Air Tube without Head
079573	5151501	Air Band (3 x 92 AFG)
7-51568	51568	Brush Kit 12V ADC

Blower Wheels



Part No.	Beckett No.	Description
079513	2288U	5-3/4D x 3-7/16W, SF-SM
7-2383	2383U	6-1/4D x 3-7/16W, SR
7-2999	2999U	4-1/4D x 2-1/2WAFG
7-21404	21404	4-1/4D x 2-7/16W, ADC

Burner Motors



48M



48N

Part No.	RPM	HP	Flange	Voltage	Wayne / Beckett No.
48M					
079602	3450	1/7	48M	115V	20627 / 2456U
079605	3450	1/4	48M	12V	N/A / 21539
079607	3450	1/6	48M	14VDC	N/A / 21416U
079608	3450	1/7	48M	240V	20892 / 21174
079613	3450	1/6	48M	13.5V	21699U
079615	3450	1/5	48M	115/240V	N/A / 21345
079021	4500	1/5	48M	12VDC	21993-005 / N/A
48N					
079604	3450	1/4	48N	115V	N/A / 2364U
079609	3450	1/4	48N	115/240V	N/A / 21344
079611	3450	1/5	48N	240V	20328 / 2899
079612	3450	1/5	48N	115V	20554 / 2900
079021X	Kit, 12VDC/MET to Fasco				
Universal					
079022	3450	1/7	48M	110-60 Hz	Capacitor Start
7-0005	3450	1/5	48N	110/240V	Capacitor Start

Burner Tune-Up Kit



- Oil line – 8"
- Buss bars
- Buss bar bracket
- Electrodes pair with insulator
- Motor/pump coupler
- Insulator bushing
- Instructions
- J pump coupling end
- Tip setting gauge



Part No.	Wayne No.	Description
7-31156	31156	Burner Tune-up Kit

Blower Wheel



Part No.	Wayne No.	Description
7-20288	20288	5-3/16" x 3-7/16"
7-21854	21854	6-1/4" x 4-3/16"
7-20673	20673	4-1/4" x 3-1/8"
079003	21427-003	12V (Fasco)
7-21427	21427	(MET)

Wayne Burner Parts

Part No.	Wayne No.	Description
7-13286	13286	Electrode Pair
7-14733/34001	14733-001 14734-002	Electrode Assembly (Pair) with Buss Bars – G shape
7-12945	12945	Buss Bar – G shape
7-14344	14344	Burner Gasket
7-12484	12484	Universal Gasket
7-31421-001	31421-001	Burner Housing (E-Series)
079016	2689-11	Burner Flange "F"
7-13279	13279	Flex Coupler A Fuel Unit
079060	N/A	Coupler End (J Pump 7/16")
7-13360	13360	Trans Clip Screw
7-13038	13038	Trans Clip
7-2668-002	2668	Outer Air Band (8 Hole)
7-2669-002	2669	Inner Air Band (8 Hole)
078979	31702-014	Gun Assy, F/307007
7-21913-001	21913-001	Nozzle Adapter with legs MSR/DC

Common Parts - Beckett & Wayne



Oil Line



Brass Elbow

Part No.	Description
7-14451	Oil Line, 6.5", Copper
7-0020	Oil Line, 8", Copper
079525	Oil Line, 9.5", Copper
7-13494	Brass 90° Elbow 1/8" flare, 1/8" MPT
079067	Brass 90° Elbow 3/16 flare, 1/8" MPT
079020	Oil Pressure Gauge 0 - 200 psi
079051	(28737-1) Nozzle Adapter

Burner Transformers



- 10,000 Volt spark
- 2.2 Amp @ 110V
- 8.5 lbs
- Traditional copper wire wound



Part No.	Beckett No.	Mounting	Voltage
079668	51343U	AFG	230V
079662	21376U	S-SF-SR-SM	120V
7-21176U	21176	SM	240V
079672	21346	AFG	120/240V
079673	31488BK	Adapter Plate; AFG to SM	

Burner Ignitors



- Solid state technology
- 14,000 Volt spark
- Only .35 Amp @ 110V
- 1.7 lbs



Part No.	Beckett No.	Mounting	Voltage
079669	51501U	AFG/Lo Amp	115V
7-515241	51524U	ADC without CB	12VDC
079670	51499U	ADC with CB	12VDC
079707	51506U	SDC with Con BD	12VDC
7-51824	518240	SDC	120V
079687	51779U	SDC without CB	12VDC

*complete with Timer

Base Plates for Transformers & Ignitors



Part No.	Beckett
079644	A Trans/Ign
079645	S Trans/Ign
079646	E Trans/Ign
079647	M Trans/Ign

Burner Transformers



- 10,000 Volt spark
- 2.2 Amp @ 110V
- 8.5 lbs
- Traditional copper wire wound



Part No.	Wayne No.	Mounting	Voltage
7-20358	20358	Side/EH-EHA	115V
079117	20593	Back/M-MSR	115V
7-21153	21153	Side/EH-EH	230V
079124	21665	10KVA/Side	115V

Burner Ignitors



- Solid state technology
- 14,000 Volt spark
- Only .35 Amp @ 110V
- 1.7 lbs



Part No.	Wayne No.	Mounting	Voltage
079111	31813-001	Side/EH-EHA	115V
079113	31812-001	Back/M-MSR	115V
079107	31813-002	Side/EH-EHA	220V
079109	31812-002	Back/M-MSR	220V
079106*	21985-001	Module Only	220V
079120	31812-003	Rear Mount	12V
7-100764-001*	100764-001	Module Only	12V
079152	31813003	Side Mount (E)	12V

12 VDC KIP Fuel Solenoid Valve



- Brass body
- 12V DC coil
- 1/8" FPT I/O ports
- Conduit connector
- 5/64" orifice = 6 watt

Part No.	Description
079652	Fuel Solenoid Valve

Oil Solenoid Valve



- Unitized mounting on Suntec fuel pumps
- 1/8" FPT inlet
- 300 psi
- Uses standard SUNTEC coil

Part No.	Description
7-0009611	110V Oil Valve - R642
7-0009622	220V Oil Valve - R753
7-21441	12/24V Oil Valve - R261
079125	Flow Thru Connector Bolt
079126	Aluminum Seal Washer
079053X	110V Coil with Cord Set
079054X	230V Coil with Cord Set
079050X	12/24 Coil with Cord Set
7-21755U	115V Coil with CleanCut
079097	220V Coil with CleanCut
079098	12/24VDC Coil without Cord Set
7-3753895	Cord Set Only
079047	8mm Nut for Old Style Coil

Fuel Pumps



- Use with single or dual line systems
- Pressure adjustment valve

Part No.	Description	GPH	RPM	Rotation
Standard Pumps				
7-0009	A2VA7116	3	3450	RH
079031	A1VA7112	3	1725	RH
079033	A2VC7118	3	3450	LH
079036	A1YA7912	7	1725	RH
079037	A2YA7916	7	3450	RH
079028	A2RA7710	2.5	3450	RH
Pumps with Solenoid				
079038	A2VA2116 with 12V	3	3450	RH
079038-110	A2VA2116 with 110V	3	3450	RH
079038-220	A2VA2116 with 220V	3	3450	RH
Pump Replacement Parts				
7-3715732	3715732 Pump Fuel Screen (A2VA 7116)			
079055	3715744 Pump Fuel Screen (A2VA 7916)			
7-3779801	3779801 Gasket Cover			
079164	Lip Seal			

CleanCut Fuel Pump



Simple design provides faster cleaning, more reliable cut offs, and cut ons. Cleaner operation-less soot. More reliable-fewer moving parts. Reduced motor load in start up. Higher capacity - 4 GPM at 100 psi.

- 100-200 psi - Factory set 100 psi
- Inlet pressure 10 psi
- Rated speed 3600 RPM
- Includes Built in solenoid with cord set

Part No.	Description
7-21844U	110 Volt
7-2184403U	220 Volt
7-00098	12 Volt

Burner Accessories



9-028008



9-4007



112059

9-40083

- Coil Clean removes lime and scale buildup and restores heating coil efficiency
- Soot-O-Magic help remove soot from coils
- Red Devil Soot Remover eliminates soot deposits

Part No.	Description
9-028008	Coil Clean 8 lb
9-4007	Soot-O-Magic, Stick
9-40083	Liquid Soot Remover, Red Devil, Pint - 16 oz
112059	Liquid Soot Remover, Red Devil, Quart - 32 oz

NOTE: No Air Freight shipments on the above items

Draft Diverters / Rain Caps



7-10031



7-10033

- Draft diverter prevents backdrafts, keeps cold air out
- Rain cap prevents water running down vent pipes
- Fits on standard stove pipe
- Hot dipped galvanized

Part No.	Description
7-1003	8", Round
7-10031	10", Round
7-10032	12", Round
7-10033	10", Exhaust Stack, Cap
7-10034	12", Exhaust Stack, Cap

Flue Adapters



7-10049



7-1004

- Used to vent exhaust from horizontal hot water machines
- Hot dipped galvanized
- Adapts to standard stove pipe

Part No.	Description
30-199*	8" without Stack, new style kit
7-10049	8" without Stack, new style
7-10071	10" without Stack, SLT/SLX
7-1004	8" with Stack, old style
7-10041	10" with Stack, old style

*Includes insulation and mounting hardware

Smoke Tester - Diagnostic Tool

The smoke tester gives you the ability to measure smoke (soot) density and adjust air flow and fuel pressure to optimize burner performance.



A properly tuned burner:

- Heats water more efficiently
- Doesn't build up soot in the coil
- Doesn't pollute the air
- Keeps your customers happy
- A tool that should be used by every serviceman in the industry.

Part No.	Description
449020	Smoke Tester
449019	Filter Paper Refill (40 sheet - 10 test per sheet)

"Snap" Fuel Nozzle Check Valve

Spring loaded "snap" check valve replaces filter element on fuel nozzle. Valve opens when fuel pump pressure reaches 130 psi and "snaps" shut when fuel pressure drops below 130 psi. Stops "smokey" burners at start up and eliminates "shut down" after burn.



- Reduces nozzle fouling caused by residual fuel in orifice
- Easy field installation in standard fuel nozzles
- Reduces soot build up in coil

Part No.	Description
079210	Snap Fuel Valve, 100 psi
079211	Snap Fuel Valve, 130 psi
079215	Snap Check Valve, 130 psi (5 pack)
079214	Snap Check Valve, 100 psi (5 pack)

Nozzle Accessories



Part No.	Description
079221	Nozzle Tray (Metal) (Open Top, 55-Compartment, Plastic)

Delavan Fuel Nozzles



Select proper size for maximum burner efficiency.

	GPH
079477	2.00 x 60°W
079479	1.65 x 80°W
079480	1.50 x 80°W
079481	1.75 x 80°W
079482	2.00 x 80°W
079483	2.25 x 80°W
079484	2.50 x 80°W
079486	2.75 x 80°W
079487	3.00 x 80°W
079490	4.00 x 80°W
079505	1.65 x 90°W
079492	2.00 x 90°W

NOTE: The above "W"
Nozzles are Stocked
All Sizes Are Available

GPH	60° A Hollow	60° B Solid	70° A Hollow	70° B Solid	80° A Hollow	80° B Solid	90° A Hollow	90° B Solid
.50	079225	079250	079275	—	079325	—	—	079400
.60	—	—	—	—	079326	079351	079376	—
.65	079227	—	—	—	079327	079352	079377	—
.75	—	079253	—	079303	7-0120	079353	079378	079403
.85	079229	079254	7-0104	—	079329	079354	—	079404
.90	079230	079255	—	—	079330	079355	079380	—
1.00	079231	079256	7-0105	079306	7-0121	079356	079381	079406
1.10	079232	079257	—	—	079332	079357	079382	079407
1.20	079233	079258	7-0106	—	7-0122	079358	—	—
1.25	079234	079259	—	079309	079334	079359	079384	079409
1.35	079235	079260	—	079310	079335	079360	079385	079410
1.50	079236	079261	7-01061	—	7-0123	079361	079386	079411
1.65	079237	079262	—	—	079337	079362	079387	079412
1.75	7-0116	079263	7-0107	079313	7-0124	079363	079388	7-0101
2.00	7-0117	—	—	079314	7-0125	079364	079389	7-0102
2.25	079240	079265	7-0108	079315	7-0126	079365	079390	079415
2.50	079241	079266	7-0109	—	7-0127	079366	079391	079416
2.75	079242	079267	—	—	7-0128	079367	079392	079417
3.00	—	—	079293	—	7-0129	079368	079393	079418
3.25	079244	—	079294	—	—	079369	079394	079419
3.50	—	079270	—	—	7-0119	079370	079395	079420
4.00	—	—	—	—	079346	079371	079396	079421
5.00	—	—	—	—	—	079373A	079398	—
6.00	—	—	—	—	—	079374	—	079425
6.50	—	—	—	—	—	079372	—	—
7.00	—	—	—	—	—	—	—	—
8.00	—	—	—	079324	—	—	—	—

Cycle Pilot

Gas Auto Relight Kits. Eliminate standing pilot in gas burners with a cycle pilot relight kit. Retro Fit Kit includes: Gas valve, flame sensor, electrode pilot relight and harness.



Part No.	Description
347425	24V Retrofit Kit (NG) 100,000 BTU
347418	24V Retrofit Kit (NG) 335,000 BTU
347379	24V Retrofit Kit (NG) 720,000 BTU
347416	Cycle Pilot Control (347425) 24V
347440	Cycle Pilot Control 120V
347446	Gas Ignition Electrode (24" Lead)

Gas Burner Rings - NG or LP Gas Jets

The Standard for Gas-Fired Pressure Washers. Impinged Jet Burner Rings offer the most efficient utilization of gas for heating water.



Gas Burner Ring

Part No.	Model No.	Jets Req'd	1000 BTUH
Gas Burner Rings Only			
347502	Z-21	20	100-200
347504	X-11	32	160-320
347506	X-44	44	220-440
347508	X-66	66	330-660
347510	X-88	88	440-880

NOTE: Gas jets sold separately.



Gas Jets

Part No.	Drill Size	Orifice Size	Use
Gas Jets for Burner Rings* (above)			
347552	#52	(.0635)	NG
347554	#54	(.055)	NG
347562	#62	(.038)	LP
347565	#65	(.035)	LP
347566	#66	(.033)	LP
347549	Blank (Must Be Drilled)		

Gas Valves - LP or Natural Gas

Universal type for building new systems or field replacement. 750 MV, 24V or 120V Controls by White-Rodgers.



347400

7-700021

- 335,000 BTU max
- 3/4" inlet/outlet
- All adjustments & wiring connections on top of valve
- Automatic outlet pressure regulator
- A.G.A. design certified, C.G.A. certified

Part No.	Description
7-700021	3/4" NEW 24V Honeywell
347400	Gas Valve 24V (1)
347410	Gas Valve 120V (2)
347412	Gas Valve 750 MV (1)
347423	3/4" LP Conversion Kit
7-70001	WR 36C03A-410, 3/4" White Rogers
7-70002	7000DERCH, 24V Robertshaw
7-7000HC	7000MVRHC, Robertshaw
7-7028	700522, (Hwg-75-1), 1" Robertshaw
7-7LPKIT	LPG Regulator Kit for Robertshaw

- (1) Includes two 3/4" x 1/2" all-thread plated bushings and valve instructions.
 (2) Includes L.P. Kit, two 3/4" x 1/2" and one 1/2" x 3/8" all-thread plated bushings and all instructions.

1" Gas Valves by Robert Shaw

Universal type for new equipment or replacement.



- Manual gas cock
- Auto pilot safety valve
- Wiring & hardware included
- Pilot gas filter
- 600,000 BTU LP gas
- 720,000 BTU Natural Gas
- 1" inlet/outlet

Part No.	Description
347406	240 Vac, NG, Standing Pilot
347407	24 Vac, NG, Standing Pilot
347403	24 Vac, NG, Electronic Ignition
347409	700 MV, Natural Gas

LP Conversion Kit on next page

LP Conversion Kit for Robert Shaw

Convert NG to LP



Part No.	Description
347421	1" LP Conversion Kit
347380	LP Orifice

Gas Valve Accessory Components

Use with both 3/4" and 1" models above.



Part No.	Description
7-70162	Ignitor, Piezo
7-70163	Electrode, Piezo Assembly
7-70164	Washer, Panel Adapter, Piezo
7-70165	Wire, 15" Assembly
7-70166	Wire, 15" Assembly
7-7017	Orifice, Pilot, LP, Small
7-7022	Jet, Orifice, 638-69
7-7023	Pilot Orifice, NG, Small
7-70230	Pilot, Orifice, NG, Large
347430	750 MV Generator
7-7CH	Pilot Assembly, VHP/VNG
7-70237	Pilot, Natural Gas Electronic
7-7034	Thermocouple, 24" White Rodgers
347438	Thermo Couple (with 36") Cap Tube
7-7036	Thermopile, VNG, 44 Mfg

Electronic Ignition



7-70151

- Replaces the need for standing pilot
- Field installation kit
- Complete instructions included

Part No.	Description
7-701510	Ignition Module - NEW
7-70151	Ignition, Electronic Control

Propane Tanks



7-1015

- 10.5 gallon / 30 lb
- With or without gauge
- Fits on *LANDA* propane machines
- For outdoor use only

Part No.	Description
7-1014	10.5 gal/ 30 lb
7-1015	10.5 gal/ 30 lb with Gauge

NOTE: No Air Freight shipments on the above items

Propane Gas Regulators



7-1010

- High quality Fischer regulators
- High and low pressure
- Available individually or in 7-1010 kit

Part No.	Description
7-1005	High Pressure
7-10050	Low Pressure
7-10052	Regulator, Propane Gas, Fisher, VHP Units
7-1010	L.P. Assembly: includes High/Low Pressure Assembly

Coils



95-07121212

- Cold rolled pipe, no weak points from heating to make bends
- Heavy-duty schedule 80 carbon steel pipe
- "Aluminized Steel" wrapper
- Best warranty in the industry

Part No.	Description
95-07121212	DuraCoil, Sch 80 with Aluminized Steel Wrap, Horizontal
95-07121218	DuraCoil 14.5" Dia, Sch 80, MVC, VHP
95-07121220	VNG-S after 4/99, new style, 18" dia., ENG,VNG, NG,VHG
95-07121222	DuraCoil, VNG, Large, after 3/97, new style ENG,VNG,NG
95-07121213V	VNG-S, 16" (5/89-3/99) Except 8-2500, 6-3000, old style
95-07121212V	VNG-S Except 8-2500, 6-3000, old style pre 5/89
7-7041	HWG-60 VNG6-3000, before 3/97, old style
7-7042	HWG-75 VNG8-2500, before 3/97, old style
95-071212111	GTO Replacement Coil
95-07121224	DuraCoil, 6-3,8-3 VNG/VHG for modulating thermo

Insulation & Rigid Disc / Donuts

Refractory Grade Ceramic **Kawool** Formed; retains heat inside coil for better fuel efficiency and paint protection.



Part No.	Description	TK/Long	Dia/Wide	OD/ID
"Rigid Formed" Donut & Discs				
122253	Donut	.88"	18"	6"/4.4"
122258	Donut	.88"	16"	6"/4.4"
122254	Disc	1/2"	18"	
122257	Disc	1/2"	16"	
Insulation Blanket				
122204	Coil Wrap	1"	24"	4'
122205	Coil Wrap	1"	24"	5'
122206	Coil Wrap	1"	24"	6'
122222	Full Roll	1/2"	24"	25'
122225	Full Roll	1"	24"	25'

Coil Insulation



7-0140



7-0141



7-01401



7-01482



7-014832



7-01484

- Refractory grade ceramic
- Retains heat inside coil for better fuel efficiency and paint protection

Part No.	Description
7-0140	Front Head, No Hole
7-0141	Burner Head, with Hole
7-0144	Gasket, Burner Plate
7-01470	Gasket, Skid Stackless Top
7-01471	Gasket, Stackless Adapter
7-01482	Tank Bottom, 1" Blanket, VHW, VHP
7-014832	Tank Head 16" OD x 8" ID, VHW, VHP
7-01401	Disk, Flash Pan, GTO (2 required)
7-0142	Blanket, with Foil sqft (10 sqft required)
7-01430	Blanket-No Foil, 24" x 57", Horizontal
7-01484	Blanket-Die Cut, 28" x 24", Horizontal
7-014841	Blanket-Die Cut, 33" x 89" (VNG)

Top & Bottom Wraps

- Stainless and mild steel



95-07121011S



95-07121012



95-07290013

Part No.	Description
95-07121011S	Top, Yellow
95-07121014S	Top, Stainless Steel
95-07121012	Bottom, Yellow
95-07121015	Bottom, Stainless Steel
95-07290013	Outer, MVC
95-07290013S	Outer, Stainless, MVC

Magnetic Starters

Cutler-Hammer



- Cutler-Hammer quality
- Highest HP rating in a compact space saving design
- Long-life twin break, silver cadmium oxide contacts provide superior resistance to welding and arc erosion
- Din rail mounting

Part No.	Model No.	Frame	Coil Voltage	HP @ 115V 1 PH	HP @ 230V 1 PH	HP @ 230V 3 PH	HP @ 380V 3 PH	HP @ 460V 3 PH
6-4003	CH CE15BNS3TB	B	24V	.05	1.0	2.0	5.0	5.0
6-4000	CH CE15BNS3AB	B	120V	.05	1.0	2.0	5.0	5.0
6-4001	CH CE15BNS3BB	B	240V	.05	1.0	2.0	5.0	5.0
6-4002	CH CE15BNS3CB	B	480V	.05	1.0	2.0	5.0	5.0
6-4006	CH CE15CNS3TB	C	24V	.05	2.0	3.0	5.0	7.5
6-4004	CH CE15CNS3AB	C	120V	.05	2.0	3.0	5.0	7.5
6-4005	CH CE15CNS3BB	C	240V	.05	2.0	3.0	5.0	7.5
6-4007	CH CE15DNS3AB	D	120V	1.0	3.0	5.0	10.0	10.0
6-4008	CH CE15DNS3BB	D	240V	1.0	3.0	5.0	10.0	10.0
6-4009	CH CE15DNS3CB	D	480V	1.0	3.0	5.0	10.0	10.0
6-4024	CH CE15DNS3DB	D	600V	1.0	3.0	5.0	10.0	10.0
6-4012	CH CE15ENS3TB	E	24V	2.0	3.0	7.5	10.0	15.0
6-4010	CH CE15ENS3AB	E	120V	2.0	3.0	7.5	10.0	15.0
6-4011	CH CE15ENS3BB	E	240V	2.0	3.0	7.5	10.0	15.0
6-4015	CH CE15FNS3TB	F	24V	2.0	5.0	10.0	15.0	20.0
6-4013	CH CE15FNS3AB	F	120V	2.0	5.0	10.0	15.0	20.0
6-4014	CH CE15FNS3BB	F	240V	2.0	5.0	10.0	15.0	20.0
6-4016	CH CE15FNS3HB	F	277V	2.0	5.0	10.0	15.0	20.0
6-4017	CH CE15FNS3CB	F	480V	2.0	5.0	10.0	15.0	20.0
6-4020	CH CE15HNS3TB-09	H	24V	3.0	7.5	15.0	25.0	30.0
6-4018	CH CE15HNS3AB-09	H	120V	3.0	7.5	15.0	25.0	30.0
6-4019	CH CE15HNS3BB-09	H	240V	3.0	7.5	15.0	25.0	30.0
6-4021	CH CE15JNS3AB-09	J	120V	5.0	10.0	20.0	30.0	40.0
6-4022	CH CE15JNS3BB-09	J	240V	5.0	10.0	20.0	30.0	40.0

Overload Relays

Cutler-Hammer



- Cutler-Hammer quality
- Direct heated bimetal elements
- Adjustable trip current, overload trip indication
- Manual/automatic reset
- Din rail mounting

Part No.	Model No.	Frame Compatibility	Amps
6-5000	CH C316FNA3E	A-F	0.63-1.00
6-5002	CH C316FNA3G	A-F	1.30-1.80
6-5003	CH C316FNA3H	A-F	1.70-2.40
6-5004	CH C316FNA3J	A-F	2.20-3.10
6-5005	CH C316FNA3K	A-F	2.80-4.00
6-5006	CH C316FNA3L	A-F	3.50-5.00
6-5007	CH C316FNA3M	A-F	4.50-6.50
6-5008	CH C316FNA3N	A-F	6.00-8.50
6-5009	CH C316FNA3P	A-F	7.50-11.00
6-5010	CH C316FNA3Q	A-F	10.00-14.00
6-5011	CH C316FNA3R	A-F	13.00-19.00
6-5012	CH C316FNA3S	A-F	18.00-24.00
6-5013	CH C316FNA3T	A-F	24.00-32.00
6-5014	CH C316KNA3B	G-K	22.00-32.00
6-5015	CH C316KNA3C	G-K	29.00-42.00
6-5016	CH C316KNA3D	G-K	36.00-52.00
6-5018	CH C316KNA3E	G-K	45.00-63.00

Push Button & Contact Blocks

Cutler-Hammer



6-2000

- Cutler-Hammer quality
- Heavy-duty
- Water tight/oil tight



6-2021



6-2022



6-2023

Part No.	Model No.	Description
6-2004	CH C320KGS3	Contact Block, N/O, N/C
6-2000	CH E22B1	Contact Block, N/C
6-2001	CH E22B2	Contact Block, N/O
6-2021	CH E22PB3	Switch, Green Push Button
6-2022	CH E22EB2	Switch, Red Push Button
6-2023	CH E22VB51	Switch, 2-position Lever
6-2020	CH E22YED215	Switch, Red Lever

LANDA Flow Switch



- Horizontal or vertical mount
- 4350 psi
- 8 GPM max flow, 1.8 GPM min flow
- 180°F
- 12-250V, .8 Amps
- 3/8" FPT inlet/outlet

6-021730

Part No.	Description
6-021730	LANDA MV60, Yellow
6-021740	Replacement Reed Switch

Legacy 500 Flow Switch



Vertical mounting or versatile mounting.



- Tough, impact-resistant, glass-reinforced, nylon housing
- Tungsten contact reed switch
- Heavy-duty machine brass internals
- Viton seals
- For solenoid control only
- 1-8 GPM
- 4350 psi
- 190°F
- 3/8" Inlet / Outlet
- 1 Amp switch
- 2 Wire Reed

Part No.	Description
410305A	Vertical Mount Only
410308A	Mount in Any Position (Red)
109672	Reed Switch Only (2 wire)

Flow Switch



Spring return float allows full mounting versatility.



- 4050 max pressure
- 3500 rated pressure
- Horizontal or vertical mount
- Forged brass body
- NEW 3-wire reed switch
- 3/8" MPT inlet/outlet
- 8 GPM
- 190°F
- One Amp switch
- Solenoid control

Part No.	Description
410307P	Flow Switch
109672	Reed Switch Only (2 wire)

Flow Switch



- Brass body
- 8 GPM
- 3600 psi
- 3 Amp reed switch
- 180°F
- 3/8" inlet & outlet ports

Part No.	Description
6-02173	ST-5 – Vertical Mount Only
6-02175	ST-6 – Horizontal or Vertical Mount
109672	Reed Switch (AP) (2 wire)
109675	Reed Switch - ST 5
109673	Reed Switch - ST 6

Phoenix Flow Switch w/ Pilot



- .75-16.0 GPM
- 4000 psi
- 165°F
- 3 Amp-250 Volts
- 96" Reed Cord
- Includes 8mm Pilot
- 3/8" F inlet/outlet
- 2.5 lbs
- Mounting Hole

Part No.	Description
410320	Switch with Pilot
410322	Reed Switch

VAC Switch - Burner Control

Normally open (NO) switch closes when pump vacuum begins drawing water and opens when vacuum is broken due to pump shut down or empty water tank.



- 1/4 FPT connect
- Heavy-duty 16 Amp contacts
- 140°F max water temperature

Part No.	Description
413031	1.5" (HG) Vac Switch
413032	2.5" (HG) Vac Switch
413034	4.5" (HG) Vac Switch

Pressure Switch

Operation without opening switch case – Blue = Common
CONNECT: Red/Blue = N/C, Blue/Brown = N/O

- 200°F
- Stainless steel plunger
- 3600 psi
- 1/4" MPT nipple
- 15 Amp – 115 or 230V AC
- 3-wire – Internally wired for either N/O or N/C

Part No.	Description
411060	Pressure Switch (Switches @ 360 psi)
411060-40	Pressure Switch (Switches @ 580 psi)
082022	Micro Switch (10 Amp 28VDC)
082023	Micro Switch (15 Amp 115/230VAC)

NOTE: 10 AMP 28 VDC Micro Switch available. Excellent for use on 12 VDC Hot Pressure Washers.

Compact Pressure Switch

Three Amp rating provides the switching power to control fuel solenoids just like the large switches. Body measures 1" x 1-1/4" x 2" (Not including wire or connector)



- 3600 psi
- 580 psi switch pressure
- 200°F
- 1/4" brass MPT connect SS plunger
- 3 Amp switch rating – 250V
- 48" – 3-wire cable for use in either NC or NO application: Blue = Common Brown = NO; Red = NC

Part No.	Description
411050	Compact Pressure Switch

Black Pressure Switch



- Brass stem and stainless steel nipple
- 3600 PSI
- 580 PSI switching pressure
- 195°F
- 1/4" male inlet
- 15 Amp
- Weight: 8 oz
- 250 volts



Part No.	Description
6-021720	Black Pressure Switch

Red Pressure Switch



- All stainless steel construction
- Rated pressure: 5800 psi
- 6500 psi max pressure
- 640 psi switching pressure
- 195°F
- 3/8" male inlet
- 15 Amp max draw
- Weight 10 oz



Part No.	Description
411065	Red Pressure Switch
111459	Heavy-duty MicroSwitch

Toggle / Push Button Switch



- 7/16" mounting bushing
- 1/2" diameter mounting hole required
- Mounting hardware included

Part No.	Description	HP*	Connects
411605*	SPST, 20A/110V	1.0	m/spade
411607	DPST, 20A/110V		m/spade
337206*	DPST, 20A/125V	1.5	screw
337205*	DPST, 20A/250V	2.0	screw
337208*	DPST, 16A/125V	1.0	screw
285140*	SPST, 20A/120V	3/4	m/spade
285189*	DPST, 20A/120V	3/4	screw
337207	Switch Guard		

Push Button Switches

285139	SPST, 5A/120V Push on/ push off	screw
285187	SPST, 15A/120V Push and hold on/ release off	screw

*Motor rated

Rocker Switches



6-020251



6-020252



6-020240



6-020241

- On/off switch
- Lighted available
- 125/250V

Part No.	Description	AMP	Voltage
6-020251	Curvette, V. Carling	16/10	125/250
6-020252	Curvette, 2-pos	20/15	125/250
6-020253	Curvette, 3-pos	16/10	125/250
6-020240	Carling, Green Light, 2-pos	15/10	125/250
6-020241	Carling, Red Light, 3-pos	15/10	125/250

Accura High Limit Switch



- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 Amp @110V/10 Amp @ 220V
- Heavy-duty brass housing (7000 psi collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4 male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

Part No.	Probe MPT	Temperature
411250	3/8"	110°F
411254	3/8"	120°F
411256	3/8"	140°F
411262	3/8"	170°F
411266	3/8"	180°F
411272	3/8"	210°F
411276	3/8"	230°F
411264	1/2"	180°F
411268	1/2"	200°F
411270	1/2"	210°F
411232	1/2"	230°F
411278	1/2"	250°F
411332	1/2"	330°F
141538	1/2"	PVC Coupler

Accura High Limit Switch w/ Wire Lead



- Operates as safety device to shut off burner to prevent machine (water) overheating flashing to steam
- Does not turn back on until water has cooled 50° - 70°F
- Normally used with other adjustable or fixed range thermostat which regulates water temperature
- 15 Amp @110V/10 Amp @ 220V
- Heavy-duty brass housing (7000 psi collapse rating)
- UL - CSA rated, bimetal switch components
- 1/4 male spade lug terminals
- 1/2" MPT external thread connects for attaching conduit or PVC wire connectors

Part No.	Probe MPT	Wire Lead	Temperature
411274	1/2"	36"	210°F
4-0509	1/2"	42"	230°F
4-0510	1/2"	42"	275°F
411233	1/2"	80"	230°F
4-05010	1/2"	80"	330°F

Ground Fault Circuit Interrupters (GFCI)

GFCI's protect people and equipment by interrupting potentially lethal ground circuits exceeding 6mA. The dangers of electrical shocks have been long known – GFCI's are the only real way to be safe. Most city & county codes now require GFCI protection on power cleaning equipment.



- U.L. listed
- Three wire circuits
- Transient voltage protection
- 4 - 6mA ground fault protection
- Grounded neutral protection
- Mechanical trip indicator
- Compact size
- Rugged construction
- Radio frequency interference suppression

Part No.	Volt	Amp	Length	Plug included
6-01062	120V	15A	36 ft	yes
337626	120V	15A	12 ft	yes
337607	120V	20A	12 ft	no
337608	120V	20A	12 ft	yes
6-01060	120V	20A	35 ft	yes
337627	220V	15A	6 ft	yes
337630	240V	15A	12 ft	yes
6-010631	240V	20A	36 ft	yes
337632	240V	30A	6 ft	yes
337645	240V	30A	6 ft	no
337647	240V	30A	12 ft	no
337634	240V	30A	12 ft	yes
337649	240V	30A	35 ft	no
6-01059	240V	30A	35 ft	yes
6-010690	240V	40A	36 ft	no

GFCI Plug without Cord

6-01061	120V	15A	N/A	yes
337614	120V	20A	N/A	yes

NOTE: User-attached plug also includes the sealant necessary to attach the power cord per UL Specification.

GFCI Module 20 Amp - 120V or 240V

Not recommended for field service.



- Using 120V or 240V shop attachable module; attach your power cord length as required
- Use with 16–12 gauge SJ, SJO or SJT 3-wire cords
- 20 Amp rating at 120V or 240V 60 Hz

Part No.	Description
6-01063	GFCI Module

Enclosure Box for Magnetic Motor Starter Sets



- NEMA 65 non-metallic enclosure Dim: 4-1/3" W, 4" D x 6" H
- 8 (1/2-3/4") wiring knockouts on box
- Holes pre-drilled for mounting contactor and overloads with mounting screws included

Part No.	Description
260268X	Box, Toggle & Hardware

Magnetic Motor Starters

For pressure washer and carwash applications.



Contactor



Overload



Coil

- 24VAC Control
- 1Ø - 240V, 3Ø - 240V or 480V Contactor
- Componentized for flexibility
- Thermal overloads adjustable within range shown
- Electrical life: 1,000,000+ cycles
- Mechanical life: 20,000,000+ cycles
- Contacts: 90% silver, 10% cad-oxide

Type	24V Coil	120V Coil	220V Coil	FL Amp	220V 1Ø HP	220V 3Ø HP	440V 3Ø HP
Contactors					UL Rating		
A	260265	260290	260295	22	2	3	5
B	260266	260291	260296	24	2	5	7.5
C	260267	260292	260297	32	3	5	10
D	260268	260293	260298	40	5	7.5	15
E	260269	260294	260299	52	7.5	10	20
F	260351	260352	260353	90	10	15	30

Part No.	Voltage	Fits Contactor
Coils Only		
260274	24V	A,B,C,D
260272	120V	A,B,C,D
260273	220V	A,B,C,D
260275	480V	A,B,C,D
260277	120V	E
260278	220V	E
260427	120V	F
260428	220V	F

Part No.	Type	Amp Range	Fits Contactor
Thermal Overloads			
260253	Man	9.0-15	A,B,C,D
260270	Man	14-23	A,B,C,D
260271	Man	17-26	A,B,C,D
260247	Man	20-33	C,D
260248	Man	28-42	C,D
260249	Man	35-50	E,F
260433AUTO	Auto	2.0-3.3	A,B,C,D
260437AUTO	Auto	4.5-7.5	A,B,C,D
260440AUTO	Auto	6.0-10	A,B,C,D
260253AUTO	Auto	9.0-15	A,B,C,D
260270AUTO	Auto	14-23	A,B,C,D
260271AUTO	Auto	17-26	A,B,C,D
260247AUTO	Auto	20-33	C,D
260248AUTO	Auto	28-42	C,D
260249AUTO	Auto	35-50	E,F

- Used to mount Overload to Motor Starter Contactors

Part No.	Description
Thermal Overload Connector Kits	
260281	A,B,C,D
260284	E
260349	F

On / Off Rotary Switch



6-020201

- Single or three phase
- 2 position or 3 position
- Heavy-duty

Part No.	Description
6-020201	115-230V, 1PH 3-position
6-020203	230/460V, 3PH 3-position
6-020204	120-600V, 1-3PH 2-position

Machine Control Cam Switch - 3 Position



- Heavy-duty rotary cam switches
- Legend plate reads Off/Pump/Burner
- Quick Make/Break action reduces arcing
- Wiring boot included (except 410242-3)
- Legend plate 2-1/2" square
- Four-screw mounting

Part No.	Model	Amp	Voltage	Phase
410210	S220-1686	20	110V	1Ø
410221	S220-1687	20	220V	1Ø
410223	S220-1688	20	220V	3Ø
410231	S225-1686	30	110V	1Ø
410232	S225-1687	30	220V	1Ø
410233	S225-1688	30	220V	3Ø
410242	S432-4095	40	240V	1Ø
410243	S432-1402	40	480V	3Ø
Single Hole Mounting - requires a 22mm (7/8" Dia) hole				
410208	220-1789	20	110V	1Ø

"Big Boot" Cam Switch - 3 Position

Large rectangular boot for easier wiring.



- Mounting configuration and electrical ratings same as "S" switches above

Part No.	Model	Amp	Voltage	Phase
410260	T225-1686	30	110V	1Ø
410262	T225-1687	30	240V	1Ø
410265	T225-1688	30	240V	3Ø
Single Hole Mounting - requires a 22mm (7/8" Dia) hole				
410219	220-1843	20	220V	1Ø

On / Off Cam Switch



- Legend plate: On/Off
- Tear drop-shaped knob
- Face plate 2-1/2" square
- Motor Ratings:
410202 – 1-1/2 HP/ 110V
410204 – 6 HP/ 240V

Part No.	Description
410202	20 Amp/ 110 Volt
410204	28 Amp/ 240 Volt

Universal "Elektra"

UL/CSA Rated Machine control cam switches



410251



410253



410263

- Position - "Off" - "Pump Burner"
- Quick make/break action - reduces arcing
- 2 or 4 screw mount (2-1/2 square legend plate)
- (Matches: Salzer/Kraus -Naimer/ Bremas & Klockner - Moeller mounts)
- "Boot" has plenty of wiring room
- Screw to screw/terminal to terminal replacement for salzer "S" & "J" type switches above
- "Tite Boot" excellent dust & moisture seal
- Contacts UL/CSA Rated: 25 Amp vs 20 Amp, 35 Amp vs 30 Amp, 50 Amp vs 40 Amp

Part No.	Amp	Wiring Poles	Phase	Voltage	HP
410251	25	1	1	120	1.5
410253	25	2	1	120/240	1.5/2.0
410263	35	2	1	120/240	2/3
410267	50	2	1	120/240	3/7.5

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.



"Elektra" On - Off Switch with box UL/CSA Rated 25 & 35 Amp. Compact 3-1/4" Square x 3-3/4" Deep Enclosure "Versatile Mount".

Part No.	AMP	Wiring Poles	Phase	Voltage	HP
410203	25A	2	1	120/240	1.5/2
410205	35	2	1	120/240	2/3

NOTE: None of the ELEKTRA switches are for use on 3 phase motors without adding fuses or thermal overload.

60 AMP On / Off Cam Switch & Box

Cam Action Fast "Make-Break" to reduce arcing.



- 60 Amp disconnect rating
- Four 1/2" knock-outs
- Versatile mounting
- Motor Ratings:
7.5 HP @ 240vt 1Ø
5.0 HP @ 240vt 3Ø
30 HP @ 480vt 3Ø

Part No.	Description
410206	60 Amp Switch with Large Box 4-1/2" w x 7" H x 3-3/4" D
410190	60 Amp Switch only
410192	Box only 3-7/8" x 4-7/8" x 2-3/4" for 410190 switch using 10 gage/smaller wire
076521	Knob

NOTE: Switch does not have thermal overload protection

30 AMP Toggle Switch



- 30 Amp 600 Volt - DPST
- With or without box
- Rated for:
2 HP motor @ 115V
3 HP Motor @ 230V

Part No.	Description
337187	Switch only
337188	Switch & Rain Tight Box
337210*	Switch with NEMA 1 Box

*Not Rain Tight (Baldor Replacement)

Manual Motor Starter w/ Sealed Box



- 25 Amp with adjustable overload
- Adjustment range 20-25 Amps
- Sealed box 3-1/4"W x 3-1/2"D x 6-1/2"H
- 110-500 Volt IEC rated
- 2 cord grips fit 1/2" threaded knockouts
- Protective cover over buttons
- Single & 3-phase wiring instructions

Part No.	Description
337212	Motor Starter

Winco AC Generator



2000 Watt, 120 VT, 3600 RPM, 16.7 Amp.

- Industrial-duty – 3 carbon brushes
- The STANDARD in the pressure washing industry: WINCO 2FSM2PC-1
- Starts & runs 1/2 HP motor
- 5/8" diameter shaft rotates either direction
- Extra slip ring for smoother power curve during motor starting
- Dual sealed permanent bearings
- 15" L x 6.5" W x 6.75" H
- 59 lbs weight

Part No.	Description
6-0601	Winco AC Generator

- Genuine Winco parts
- Save downtime—we stock below items & more!

Part No.	Description	No. Req'd
Winco Repair Parts		
078451	Bearings	2
6-0605	Brushes	3
6-0607	Capacitors	2
6-0608	Rectifier	1
078457	Receptacle	2
078459	Fan	1

Voltmaster Generator

2500 Watt/120V/21.6 Amp @ 3600 RPM.



- Industrial-type watertight enclosure (11-5/8" x 7-1/2" diameter)
- Brushless design
- All copper winding – High surge capacity
- Circuit breaker protection (standard)
- Shaft rotates either direction
- 7/8" shaft, 2 sealed (ball) bearings
- 36.5 lbs weight
- Adapter plate for replacement of Winco model 2FS2PC-1 available

Part No.	Description
337441	2500 Watt Generator
337443	Adapter Plate & Fasteners

Voltage Regulator



- Designed specifically for LANDA for use on 12VDC burner systems.

Part No.	Description
6-0615	25 Amp, 15 Volt

Adjustable Thermostat Switches



- Capillary tube provides fast response time
- Prevents burner from overheating
- Adjustable to 300°F

Part No.	Description
4-05088	300°
4-05090	175°, SJ Units

Adjustable Thermostat



With panel-mount controls.



- 4000 psi
- 302°F
- 3-1/2" immersion bulb with 60" capillary tube
- Accuracy $\pm 2.5\%$
- Temperature change response within $\pm 6^\circ\text{F}$
- 16 Amp - 250 volt
- Large easy read dial
- Seal, nut & 1/2" transition coupling included

Part No.	Description
430050	0-194°F Thermostat
430058	0-248°F Thermostat
430060	0-302°F Thermostat

Adjustable Flow Thru Thermostat



4-05083

- Stainless Steel Case
- Silver Contacts
- Ceramic Insulation
- Stop Collar



430027

- Tension Adjusting Screw
- 3000 psi
- 10 Amps - 110 Volts
- 5 Amps - 220 Volts
- Adjustable 85° - 195°
- 1/2" inlet / 3/8" outlet
- Fenwall Inside

Part No.	Description
430027	Thermostat
4-05083	Switch Only

In Line Thermostat

In Line Controls for Pressure Washers and Steamers.



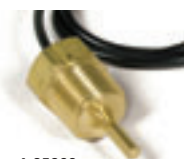
- Positive bimetal temperature control
- 1/2" inlet/outlet FPT ports
- 2000 psi max working pressure
- Universal 1/4" spade terminal connection

Part No.	Description
430025	60-250°F
430035	60-350°F

Solid State Temperature Control



4-05085



4-05086

- Solid state controls
- Thermistor provide accurate and timely cutoff at proper temperature
- Adjustable up to 350°F

Part No.	Description
4-05085	275°
4-05087	350°
4-05086	Thermistor

Timers



6-03700



6-036880

- Preset and adjustable available
- Heavy-duty

Part No.	Description
6-03700	Multi-function, 24V-120/240V Time Delay Timer
6-036880	Solid State, 120V, 5-60 Minute Adj for Auto Start

Indicator Lights



6-050413



6-020590

- Easily mounts to control panel
- Available in 12V, 24V, and 125V
- Great for remote applications

Part No.	Voltage	Color
6-02053	125V	Red
6-020530	125V	Green
6-050413	125V	Amber
6-0399	24V	Red
6-03990	24V	Green
6-02059	12V	Red
6-020590	12V	Green

Fuses

- Full range of fuses
- Protect your equipment



Part No.	Code	Max Voltage	Amps
6-022970	FNM1/2	250V	0.5
6-0229810	FNM8/10	250V	0.8
6-0229710	FNM1	250V	1.0
6-02320	FNM2-1/2	250V	2.5
6-023080	FNM3	250V	3.0
6-023090	FNM5	250V	5.0
6-02321	FNM7	250V	7.0
6-022910	FNM8	250V	8.0
6-022920	FNM10	250V	10.0

6-02311	FNQ3/10	500V	0.3
6-02312	FNQ6/10	500V	0.6
6-02306	FNQ-R-3	600V	3.0

6-02296	KTK-R1/4	600V	0.25
6-02295	KTK-R1/2	480V	0.5
6-02294	KTK-R1	240V	1.0
6-022982	KTK-R1-1/2	600V	1.5
6-02299	KTK-R2	120V	2.0
6-022990	KTK-R2-1/2	600V	2.5
6-022992	KTK-R4	600V	4.0
6-02307	KTK-R5	600V	5.0
6-02304	KTK-R30	600V	30.0

6-02297	MDL1/2	120V	0.5
6-022981	MDL3/4	250V	0.75
6-022971	MDL1	250V	1.0
6-02298	MDL2-1/2	24V	2.5
6-02308	MDL3	250V	3.0
6-02309	MDL5	250V	5.0
6-02291	MDL7-1/2	250V	7.5
6-022911	MDL8	250V	8.0

Circuit Breakers

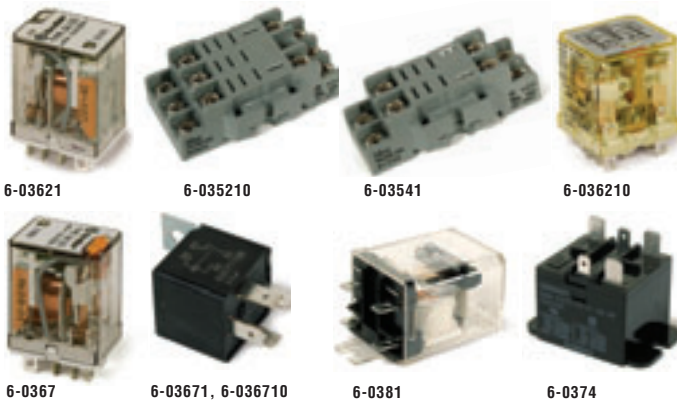


6-04121

- Provides protection against excessive Amp draw

Part No.	Description
6-04121	8 Amp
6-041250	25 Amp (All 12V Systems)

Relays



6-03621 6-035210 6-03541 6-036210
6-0367 6-03671, 6-036710 6-0381 6-0374

Part No.	Description
6-03621	120V, RH2B-UI-AC120 for Pressure Washers
6-03521	240V, RH2B-UI-AC240 for CL, CLP
6-035210	Socket, SH3B05*IDEC for Auto Start/ CLP
6-03541	Base, SH2B-05 for IDEC
6-036210	Latch 2, RH2LBUAC120*IDEC Auto Start/ CLP
6-0367	24V, IDEC CLP
6-0381	Power Deltrol, 120V for SJ-5, CL, WS
6-0374	Relay, Power Omron G4B112T1FDCUSRPAC120 for Delta/Alpha
6-03671	P&B/VF4-41F11, 12VDC, 40 Amp for 12VDC Units 13hp & Below
6-036711	Relay, P&B, 24V/40 A for 12 VDC Units over 13hp

Step-Down Transformers



6-6031

6-60121

6-6035

- Industrial duty
- High quality CutlerHammer
- Drops primary voltage to selected secondary voltage

Part No.	Primary Voltage	Secondary Voltage	Size
6-05234	600V	120-240V	1.0KvA
6-6031	380/400/415	110/220V	.750KvA
6-60121	120/240V	24V	.050KvA
6-6035	120/240V	24V	.100KvA
6-60161	208/230/460V	24/115V	.050KvA
6-60141	208/277V	120V	.050KvA
6-60151	208/277V	120V	.075KvA
6-6025	380V	24V	.050KvA
6-60051	240/480V	120/240V	.200KvA
6-60021	240/480V	120/240V	.500KvA
6-60111	240/480V	120V	.075KvA
6-60101	240/480V	120V	.050KvA
6-60131	550V/575/600V	115V	.050KvA

Junction Boxes



6-0390

6-03901

6-03904

6-03907

6-03909

6-03910

6-03912, 6-03913, 6-03906

6-0409

6-0410

6-04101

6-04104

Part No.	Description
6-0390	VNG Remote, Plastic
6-03901	12" x 12" x 4", Metal VNG Remote Wiring Box
6-03904	Fiberglass, NEMA4 for PE Units
6-03906	12" x 10" x 5.25" for Solid Sep/ Water Blast/ AMC
6-03907	8" x 8" x 4", Plastic Alpha, for SEA 3-1100
6-03909	10" x 8" x 6", Box, Plastic with Lid for SEA
6-03910	Box, Plastic without Lid E9801
6-03911	Lid, Plastic for 6-03910
6-03912	18" x 16" x 9.25", Plastic for CLP, WB
6-03913	14" x 16" x 6.75", Plastic for CL, HBG, AMC, Delta
6-0409	Cover, Duplex Receptacle for Alpha
6-0410	2" x 4", 3-hole, 1/2" WB, for CLP
6-04101	2" x 4", Extension, for 6-0410, 6-04102, 6-04103
6-04102	2" x 4", 5-hole, 1/2" for CLP
6-04103	2" x 4", 4-hole, 1/2" for CLP
6-04104	4" x 4", 3-hole, SK Series for Alpha/ PK
6-041041	4" x 4", 5-hole, 1/2" for WB
6-041043	4" x 4" SK, Cover Plate, for WB for 6-00041
6-0411	2" x 4", Cover Plate, for 6-0410
6-04110	2" x 4", Junction 3-hole, 3/4"
6-041100	2" x 4", 3-hole, 1" for ENG

RainTite Switch Box



- UL 728A
- 2-3/4" x 5-1/2" x 2" box
- Three 1/2" tapped holes
- Box includes 2 plugs, ground screw & mounting lugs
- Cover includes gasket

Part No.	Description
337203	RainTite Switch Box
337204	Switch Box Cover

Strain Reliefs



- 1/2" and 3/4"
- Liquid tight available
- Heavy-duty



6-05161, 6-05171 6-05180, 6-05220 6-051591, 6-051593 6-05159, 6-051592

Part No.	Description
Plastic	
6-05152	1/2", Straight, small
6-05153	1/2", Straight, large
6-05154	1/2", Flexible, 80° to 90°
6-051500	3/4", Flexible, 80° to 90°
6-051595	3/4", Straight
6-051591	1/2" 90°
6-051593	3/4" 90°
6-05159	Straight, 1/2"
6-051592	Straight, 3/4"
6-05181A	Locknut, 1/2"
6-05181B	Locknut, 3/4"
Metal (Romex)	
337020	1/2" Straight
6-05161	3/8" Straight
6-0517	3/4" Straight
6-05181	Locknut, 1/2"
Aluminum	
6-05180	1/2", Straight
6-05220	1", Straight

Cord Caps / Plugs



- Industrial quality
- Dead front cord caps – nylon body straight plugs & "Auto-Clamp" for cord
- 337013 angle plug has vinyl body and both 30A & 50A neutral leg

Part No.	Description
337000	15A/120V, Black Nylon
337004	20A/120V, Black Nylon
337006	20A/250V, Black Nylon
337013	30A-50A/250V, Black Vinyl

Molded Power Cord



- Water tight
- Factory finished look
- Used on skid generator units

Part No.	Description
6-0107	3' 14-3 Cord with Plug

Wire Loom - for wiring harnesses



- Protects wires from abrasion and crushing
- Controls bundles of wires and allows for multiple exits at wiring points
- "Factory Perfect" look for all machines

Part No.	Description
337120	1/4" ID 100' Roll
337121	3/8" ID 100' Roll
337122	1/2" ID 100' Roll
337123	5/8" ID 100' Roll

Vinyl Electrical Tape



- Premium grade - 7 mil
- UL approved
- 3/4" x 60'

Part No.	Description
118910	Roll 3/4" x 60'

Float Tank



- 3.5 gallon capacity
- 22" x 13-1/2" x 5"
- Heavy 3/16" durable plastic
- Convenient mounting tabs
- Complete assemblies available, call with model number

Part No.	Description
2-01164	Universal Plastic Float Tank
95-07121207	Lid & Hinges

Fuel Tanks



2-011501



2-011502

- International Color coded for gas (red) and diesel (Green)
- Rugged fill neck cap with vent
- Semi transparent shows fuel level
- Heavy-duty 14 gauge

Part No.	Description
2-011501	10 gal Poly, Yellow, Skids
2-011502	5 gal Poly, Red, Skids
2-011503	10 gal Poly, Red, SGHW
2-01154	6 gal Poly, Yellow, VHW/MVP/MVC
2-011541	6 gal Poly, Red, MPG

NOTE: Cap not included with tank

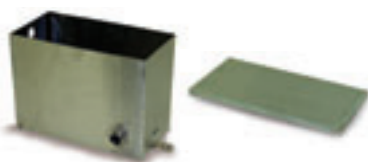
Molded Plastic Float Tanks



- Molded polypropylene
- 7 liter size: 13" x 5" x 6"
- 1 gallon size: 10" x 5" x 8"
- No holes for max flexibility
- 1 gallon tank has tight-fitting lid, included
- 7 liter tank lid is snap-on & sold separately

Part No.	Description
343002	7-Liter Tank Only
343003	7-Liter Tank Lid
343004P	1-Gallon Tank with Lid

Stainless Steel Float Tank



- Fully welded and water tight
- 2.8 gallon capacity
- 12" x 9" x 6"
- 16 gauge #303 stainless steel
- 1/2" full coupling (SS) inlet/outlet
- Convenient mounting tabs

Part No.	Description
343006	Stainless Steel Float Tank
343016	Stainless Steel Lid

Fuel / Chemical Tanks

Suitable for primary or auxiliary fuel tank or for onboard chemical holding tank.



344727

- Molded seamless tanks
- 2-1/4" filler neck
- Heavy-duty polyethylene complete with mounting tabs



344128 Cap

- Suitable for gasoline, diesel fuel alkaline or acidic chemical (Not for use with solvents)
- Versatile - no pre-drilled suction/return ports

Part No.	Description	Height	Depth	Length
344727	9 Gal Fuel Tank	10"	12"	19-5/8"
344728	Vented Cap, 2-1/4" Thread			

NOTE: Cap not included with tank

9 Gallon Fuel Tank



- 9 gallon black plastic tank
- Strap or Bolt mount (4/5/16" inserts in bottom)
- Metal inset 3/8" inlet/return lines
- Black - Crosslinked PE
- Vented fuel cap
- Filler neck doesn't extend beyond tank wall
- Compact Size: 19-3/4" L x 12" W x 10-1/2" H

Part No.	Description
344735	9 Gallon Fuel Tank

NOTE: Includes fuel cap

Fuel Tanks



091502



091504



091505



091506

- Seamless one-piece construction of marine grade, UV-protected polyethylene
- Built-in reserve (When gauge reads Empty, tilt to access additional fuel!)
- Rugged fill neck cap with vent
- 90° fuel withdrawal fitting
- Easy-to-read sight gauge
- 4 shapes & capacities from which to choose

Part No.	Gallons	Height	Length	Width
2-01152*	6.0	10.5"	21.50"	13.50"
091504	8.5	10.0"	20.25"	14.25"
091505	11.5	14.0"	20.25"	14.25"
091506	12.0	11.5"	18.50"	24.75"

*Built-in Carrying Handle

CHASSIS COMPONENTS

Battery Boxes w/ Cover, Marine Style

Protect batteries on pressure washers, boats or other industrial equipment.



- Attractive molded polypropylene
- Complete with hold-down cleats and strap for cover

Small:
L: 8-1/2" W: 6" H: 8-1/2"
Large: L: 11-1/4"
W: 7-3/4" H: 10-3/4"

Part No.	Description
306625	Small Box
306627	Large Box

Fuel Caps



Part No.	Description
2-01167	Threaded Cap (Fits All Poly Fuel Tanks)
2-01157	Cap, 14" with Fuel Gauge, PHW & PGHW Metal Tanks
2-01158	Cap, 18" with Fuel Gauge, SGHW Metal Tanks
2-01153	Cap, Plastic, Twist Lock, PHW Metal Tanks

Chrome Fuel Caps



- For gas or diesel fuel tanks
- Fits standard 2-1/4" fuel necks

Part No.	Description
344725	Chrome Cap

Hand Tote II

Strong. Lightweight. Versatile.



- Strong 1" square steel tubing
- Lightweight – only 8 pounds!
- Rubber mounting feet for stability
- Use with either gas or electric direct drive units
- Compact size – 12" W x 19" H x 17" D
- Durable gloss black polyurethane finish

Electric: 1.5 HP - 5.0 HP
56C Motor

Gas Eng:
4.0 HP - 6.5 HP Honda
3.0 HP - 6.0 HP B&S /
B&S Vanguard engines

Part No.	Description
565230X	Hand Tote II

Complete Wheels



4-0304

4-0303

4-0307

4-0305

- Replacement for all LANDA machines
- High quality pneumatic, and semi pneumatic
- Fits 5/8" shaft, except 4-0305 fits 1/2" shaft

Part No.	Description
4-0304	10" Mag
4-0303	10" Steel Rim with Tube
4-0307	13" Steel Rim
4-0305	8" x 1.75", Semi-Pneumatic

Tubes & Bearings



- Replacement for standard LANDA machines

4-03031

4-03910

076504P

Part No.	Description
4-03031	10" Inner Tube
4-03172	12" Inner Tube
4-03162	13" Inner Tube
4-03910	5/8" Wheel Bearing
076505	3/4" Bore Bearing
076504P	5/8" Nylon Bearing
076505P	3/4" Nylon Bearing

Caster Wheels



4-031509

4-031513

4-031514

- Easy pivot of machines
- Locking or non-locking
- 360 degree swivel

Part No.	Description
4-031509	3" Grey, WaterJet
4-031513	5" Swivel Caster, SJ Units
4-031514	5" Swivel Caster, with Brake, SJ Units

Rubber Parts



2-0103

2-01041

2-0108

2-0107

2-01101

2-01011

Part No.	Description
2-0103	1/8" Grommet (Holds Nozzles in Frame)
2-01041	Foot Pad, Soft, PG
2-0107	Bellows, Leg (Boot), PG
2-0108	Bumper Pad, Engine, PG
2-01101	Handle Grip, 1" Waffle
2-01011	Vibration Isolator, 5/16"

LANDA Detergents

why detergents are paramount for power washing

LANDA detergents contain the most advanced formulas engineered to be used with high-pressure cleaning equipment.

Most of the 38 blends contain an exclusive multi-metal corrosion inhibitor package designed to protect your equipment as well as prevent flash rusting while cleaning.

Furthermore, the LANDA detergents are biodegradable and most include a special additive to prevent scale build up.

The detergents come in 5-gallon and 55-gallon containers with blends engineered to meet the needs of the majority of pressure washer and parts washer applications.



The highly concentrated detergents are to be diluted at ratios of up to 150:1 making the cost-in-use very economical. Mix kits are also available.

All packaging complies with U.S. and Canadian regulations.

Cleaners & Degreasers: STRONG ENOUGH TO POWER AWAY GREASE



L-219



L-219 Super Duty Degreaser — When the toughest of cleaning jobs requires a highly caustic detergent, L-219 gets the call. This non-toxic cleaner cuts grime, grease and carbon extremely fast and is effective in cleaning everything from vent hoods and concrete to engines and parts in a soak tank. **Dilution:** 30:1; 4:1 for vent hoods

Part No.	Description	Lbs
9-68005*	L-219, Super-Duty Degreaser, 5 gal	58
9-68055*	L-219, Super-Duty Degreaser, 55 gal	632

*Cannot ship via UPS



Dyna-Might

Dyna-Might Super-Duty Degreaser — A highly concentrated, butyl-based detergent with a precise amount of caustic to deliver a powerful cleaning punch. Ideal for heavy equipment, repair shops, sidewalks, parking lots, parts degreasing and exhaust tracks. Biodegradable and phosphate free. **Dilution:** 128:1

Part No.	Description	Lbs
9-32005*	Dyna-Might, Super-Duty Degreaser, 5 gal	48
9-32055*	Dyna-Might, Super-Duty Degreaser, 55 gal	512

*Cannot ship via UPS



PowerEdge

PowerEdge Butyl-Based Super-Duty Degreaser — A powerful, highly concentrated degreaser with extra cleaning ingredients. While it is non-caustic, but butyl-based, it works with the effectiveness of a caustic detergent. Biodegradable and safe for even fine automotive finishes. Has alcohol for restorative cleaning. **Dilution:** 150:1

Part No.	Description	Lbs
9-22005	PowerEdge, Super-Duty Degreaser, 5 gal	46
9-22055	PowerEdge, Super-Duty Degreaser, 55 gal	504



Buckshot

Buckshot Low-Alkalinity Heavy-Duty Degreaser — A highly effective, non-caustic, butyl-based degreaser that works well with hot or cold water. Biodegradable and safe for use on all metals and painted surfaces, including engine and vehicles. Also cleans mildew, soap scum and baked on grease. **Dilution:** 150:1

Part No.	Description	Lbs
9-24005	Buckshot, Heavy-Duty Degreaser, 5 gal	47
9-24055	Buckshot, Heavy-Duty Degreaser, 55 gal	506



Citrus Degreaser



Citrus Degreaser — Citrus-Based Degreaser. Uses d-Limonene, a natural product from rinds or peelings of citrus fruit, that is highly effective for stripping away grease and grime. It is especially popular because it is made from a renewable resource along with being non-toxic and biodegradable. **Dilution:** 50:1

Part No.	Description	Lbs
9-56005	Citrus Degreaser, 5 gal	44
9-56055	Citrus Degreaser, 55 gal	466

Cleaners & Degreasers: STRONG ENOUGH TO POWER AWAY GREASE



Bazooka

Bazooka Non-Butyl Cleaner / Degreaser — A super-strength, highly concentrated non-butyl blend of powerful ingredients formulated to wet, penetrate and suspend soil, oils and grease for faster, more thorough cleaning effectiveness. OK on most surfaces, including aluminum, stainless steel, glass, plastic, paint and even fine automotive paint finishes. **Dilution:** 100:1

Part No.	Description	Lbs
9-26005	Bazooka, Non-Butyl Degreaser, 5 gal	48
9-26055	Bazooka, Non-Butyl Degreaser, 55 gal	505

Recycle Detergent: ENGINEERED FOR WASH-WATER RECYCLING SYSTEMS



L-215



L-215 Quick-Release for Recycling — All-purpose, non-emulsifying detergent for use in wash-water reclaim systems. It is low-foaming, non-flammable and biodegradable with a high surfactant concentration for removing road film and grime. **Dilution:** 64:1 to 80:1; pre-soak for 3 to 5 minutes for extra heavy soil

Part No.	Description	Lbs
9-67005*	L-215, Recycle Detergent, 5 gal	48
9-67055*	L-215, Recycle Detergent, 55 gal	523

*Cannot ship via UPS



Environ

Environ Recycle Detergent — Low-foaming, non-caustic, low-phosphate detergent ideal for wash-water recycling systems and oil-water separators. Environ's quick-release surfactant allows oil and grease to be removed in filtration systems. Biodegradable and safe on painted surfaces. **Dilution:** 100:1

Part No.	Description	Lbs
9-62005	Environ, Recycle Detergent, 5 gal	46
9-62055	Environ, Recycle Detergent, 55 gal	495

All Purpose Cleaners: VERSATILITY TO TACKLE TOUGHEST OF JOBS



L-217



L-217 All Purpose Cleaner — Butyl-based, super-duty all purpose detergent quickly dissolves grease, dirt and grime. It produces a generous foam and rinses easily with water. Safe on most surfaces and applications but not polished aluminum or galvanized metals. **Dilution:** 100:1 typically; 40:1 or 20:1 for toughest tasks

Part No.	Description	Lbs
9-63005*	L-217, All Purpose Cleaner, 5 gal	48
9-63055*	L-217, All-Purpose Cleaner, 55 gal	520

*Cannot ship via UPS



Top Gun

Top Gun All Purpose Cleaner with Alcohol — A high-performance general purpose cleaner formulated to remove all types of dirt, grit, grease and soap scum. It is non-caustic, non-butyl, low-foaming with alcohol for extra effective cleaning of painted surfaces. Ideal for cleaning vehicles and building exteriors. **Dilution:** 120:1

Part No.	Description	Lbs
9-11005	Top Gun, All-Purpose Cleaner, 5 gal	45
9-11055	Top Gun, All-Purpose Cleaner, 55 gal	496



Purple Rain

Purple Rain All Purpose Cleaner — A non-caustic, butyl-based, low-foaming detergent engineered to remove grease and grime, yet can be used safely on painted surfaces, including plastic, metals, aluminum, glass, steel and chrome. Use with hot or cold water to clean buildings, vehicles, decks. **Dilution:** 130:1

Part No.	Description	Lbs
9-13005	Purple Rain, All-Purpose Cleaner, 5 gal	47
9-13055	Purple Rain, All-Purpose Cleaner, 55 gal	495

Vehicle Cleaners: CUTS AWAY DIRT AND GRIME BUT LEAVES THE SHINE



New

L-9140

L-9140 Car Wash Cleaner — Unique blend of the latest generation of surfactants, along with water softening agents, to deliver highly effective penetration and cleaning performance. High-foaming and butyl-based; ideal for pre-soaking vehicles in car washes. Rinses quickly and cleanly. **Dilution:** 80:1 for pre-soaking and 180:1 for exterior washing

Part No.	Description	Lbs
9-64005	L-9140, Car Wash Cleaner, 5 gal	47
9-64055	L-9140, Car Wash Cleaner, 55 gal	510



RoadShow

RoadShow Non-Butyl Vehicle Cleaner — Highly effective all-purpose, non-caustic, non-butyl vehicle wash that cleans and degreases. Works with hot or cold water. Biodegradable and safe to use on all metals and painted surfaces, especially formulated to clean cars, trucks, engines and RVs. **Dilution:** 100:1

Part No.	Description	Lbs
9-31005	RoadShow, Vehicle Cleaner, 5 gal	47
9-31055	RoadShow, Vehicle Cleaner, 55 gal	506



New

L-9115

L-9115 Powder All Purpose Vehicle Cleaner — Powdered compound, with buffered alkalinity and a blend of water softening agents for fast removal of soils and grime. It is biodegradable, solvent-free and very stable in hard water. Works in car wash systems as well as pressure washers. **Dilution:** 1 lb. per 5 gallons then apply through the pressure washer at 20:1

Part No.	Description	Lbs
9-65040	L-9115, All Purpose Vehicle Cleaner, 40 lb Pail	43
9-65400	L-9115, All Purpose Vehicle Cleaner, 400 lb Drum	415



New

GrimeCutter

GrimeCutter™ Brown Soap Vehicle Wash — An extra-strong degreaser with just enough caustic to clean effectively while displaying the properties and alkalinity of a non-caustic detergent. It is biodegradable and contains no butyl. Excellent for cleaning carbon stack. Not for fine finish surfaces. **Dilution:** 50:1

Part No.	Description	Lbs
9-27005*	GrimeCutter™, Vehicle Degreaser, 5 gal	42
9-27055*	GrimeCutter™, Vehicle Degreaser, 55 gal	451

*Cannot ship via UPS



Convoy

Convoy Vehicle Cleaner with Alcohol — A non-butyl, low-foaming, extra-strength, biodegradable detergent formulated specifically for cleaning vehicles. Safe for all metals with alcohol for restorative cleaning of fine painted surfaces as well as aluminum, glass, steel and chrome. Use with hot or cold water. **Dilution:** 120:1

Part No.	Description	Lbs
9-35005	Convoy, Vehicle Cleaner, 5 gal	45
9-35055	Convoy, Vehicle Cleaner, 55 gal	496



Highway

Highway Butyl-Based Vehicle Cleaner — Extra strong, butyl-based, low-foaming, biodegradable detergent engineered to clean and degrease simultaneously. Works with hot or cold water and has quick-release properties. Ideal for use on hard surfaces, such as cars, trucks, engines and RVs. **Dilution:** 130:1

Part No.	Description	Lbs
9-37005	Highway, Vehicle Cleaner, 5 gal	47
9-37055	Highway, Vehicle Cleaner, 55 gal	495



Hard Drive

Hard Drive Off-Road Vehicle Cleaner — A super-strength, caustic-based detergent formulated to tackle the toughest of jobs. While it is biodegradable, use caution in applying. May dull the surface of automotive paints. Do not use on aluminum, magnesium, galvanized metal or finely painted surfaces. **Dilution:** 50:1

Part No.	Description	Lbs
9-33005*	Hard Drive, Off-Road Vehicle Cleaner, 5 gal	51
9-33055*	Hard Drive, Off-Road Vehicle Cleaner, 55 gal	550

*Cannot ship via UPS

Vehicle Cleaners: CUTS AWAY DIRT AND GRIME BUT LEAVES THE SHINE



L-431



L-431 — Extra-Tough, Butyl-Based Vehicle Wash. L-431 features a unique combination of emulsifiers and high-alkaline builders designed to meet the toughest of cleaning jobs. The concentrated, butyl-based formula wets, penetrates and suspends soil, oils and grease for a especially thorough cleaning. **Dilution:** 25:1

Part No.	Description	Lbs
9-66000	L-431 Mix Kit (makes 55 gal.)	53

Rinsing Agents & Wax: SPECIALTY PRODUCTS FOR VEHICLE CLEANING



Prism

Prism Rinsing Agent — A blend of biodegradable wetting agents formulated to break up surface tension of water, reducing water spotting. Excellent for car washes or rinsing after pressure washing with Landa detergents. Made for rinsing in hard or soft water. Extremely dilutable. **Dilution:** 5000:1

Part No.	Description	Lbs
9-38005	Prism, Rinsing Agent, 5 gal	46
9-38055	Prism, Rinsing Agent, 55 gal	491



TechnoWax

TechnoWax Vehicle Wax — Highly concentrated, biodegradable, long-lasting wax designed specifically to enhance and protect the appearance of any painted surface. Readily biodegradable and user friendly. Works well in hard or soft water. Dilution rate is only .6 ounces per automobile. **Dilution:** 2000:1

Part No.	Description	Lbs
9-39005	TechnoWax, Vehicle Wax, 5 gal	43
9-39055	TechnoWax, Vehicle Wax, 55 gal	462

Aluminum Brighteners: IDEAL FOR CLEANING ROAD FILM & SMOKE



L-207



L-207 One-Step Acid Cleaner — Fast-acting cleaner and aluminum brightener that uses phosphoric acid to clean and brighten in one step. Designed to remove road film, oxide film and diesel smoke from aluminum trailers and aircraft. High foam reduces splash back. **Dilution:** 20:1 or 30:1, depending on soil content

Part No.	Description	Lbs
9-45005*	L-207, Aluminum Brightener, 5 gal	47
9-45055*	L-207, Aluminum Brightener, 55 gal	509

*Cannot ship via UPS



L-209



L-209 One-Step Acid Cleaner Concentrate — An aluminum brightener concentrate with a blend of ammonium bifluoride and sulfuric acid to chemically clean and brighten in one step. Removes road film, oxide film and diesel smoke from aluminum trailers. **Dilution:** 120:1 or 350:1, depending on soil concentration

Part No.	Description	Lbs
9-43005*	L-209, Aluminum Brightener, 5 gal	56
9-43055*	L-209, Aluminum Brightener, 55 gal	600

*Cannot ship via UPS



Super Nova

Super Nova Aluminum Brightener with Extras — Highly concentrated, non-fuming, acid detergent with extra wetting agents for the absolute toughest of cleaning jobs, such as road film. Cleans and restores oxidized aluminum. Removes carbon, grease, oils and diesel smoke. Easy to apply. Does not use hydrofluoric acid. **Dilution:** 20:1

Part No.	Description	Lbs
9-42005*	Super Nova, Aluminum Brightener, 5 gal	50
9-42055*	Super Nova, Aluminum Brightener, 55 gal	537

*Cannot ship via UPS



Nova

Nova Aluminum Brightener — Non-fuming, acid-based cleaner for cleaning and restoring oxidized aluminum. Contains an acid inhibitor formula for minimizing metal removal. Excellent for removing grease, oil and diesel smoke. Uses Ammonium Bifluoride, not hydrofluoric acid. **Dilution:** 20:1

Part No.	Description	Lbs
9-44005*	Nova, Aluminum Brightener, 5 gal	50
9-44055*	Nova, Aluminum Brightener, 55 gal	537

*Cannot ship via UPS

Specialty Cleaners: FROM CONCRETE CLEANING TO COIL CONDITIONING



L-220

New

L-220 Hood & Vent Cleaner — An extra-high alkaline cleaner formulated for removing grease, grime and dirt from restaurant vent hoods. Especially effective on grease, fat and soy oils. Biodegradable with rust inhibitor.

Dilution: 100:1 to 20:1, depending on soil concentration

Part No.	Description	Lbs
9-47005*	L-220, Hood & Vent Cleaner, 5 gal	51
9-47055*	L-220, Hood & Vent Cleaner, 55 gal	553

*Cannot ship via UPS



Matrix

Matrix Concrete Cleaner — A powerful, highly concentrated concrete cleaner for the toughest of cleaning jobs. It is non-caustic and butyl-based but works with the effectiveness of a caustic detergent. Biodegradable and safe for painted surfaces. Formulated for restorative cleaning. **Dilution:** 150:1

Part No.	Description	Lbs
9-71005	Matrix, Concrete Cleaner, 5 gal	47
9-71055	Matrix, Concrete Cleaner, 55 gal	505



BlockBuster

BlockBuster Hood and Vent Cleaner — Engineered for the toughest of commercial kitchen cleaning jobs. Highly concentrated, caustic potash-based formula effectively attacks greasy baked-on and burnt-on food and soil. Use on kitchen vent hoods and floors. Do not use on aluminum or painted surfaces. **Dilution:** 50:1

Part No.	Description	Lbs
9-72005*	BlockBuster, Hood & Vent Cleaner, 5 gal	51
9-72055*	BlockBuster, Hood & Vent Cleaner, 55 gal	550

*Cannot ship via UPS



LazerWash

LazerWash Extra-Strength Cleaner — Highly concentrated blend of non-fuming acid and surfactants formulated to clean everything from mortar, concrete and rust to diesel smoke and welding smut. Ideal for cleaning building exteriors, but safe to use on glass and aluminum. Biodegradable. **Dilution:** 10:1

Part No.	Description	Lbs
9-73005*	LazerWash, Extra Strength Cleaner, 5 gal	51
9-73055*	LazerWash, Extra Strength Cleaner, 55 gal	546

*Cannot ship via UPS



Mongoose

Mongoose Coil Conditioner — Inhibited, non-fuming, biodegradable acid cleaner removes rust and hard water deposits from inside heating coils. For pressure washers and boilers. **Mix Ratio:** 16:1

Part No.	Description	Lbs
9-74002*	Mongoose, Coil Conditioner, 12 x 2 lbs	28

*Cannot ship via UPS



Landa Phosphatizer

New

Landa Phosphatizer — Ideal for Paint Preparation. Landa Phosphatizer is a complete phosphatizing agent that cuts and removes oil, grease and grime from steel prior to painting. It is a butyl-based, biodegradable cleaner that can be applied using spray, dip or wipe-on cleaning and phosphatizing methods. It also works well in hard or soft water and rinses completely. **Dilution:** Use 1/4 to 2 ounces per gallon of 120°F water, depending on the method of application, the weight of the coating desired and the temperature.

Part No.	Description	Lbs
9-78005	Landa Phosphatizer, 5 gal	51
9-78055	Landa Phosphatizer, 55 gal	525

Parts Washer Detergents: ENGINEERED FOR AQUEOUS CLEANING



MPW-2000

MPW-2000 Manual Parts Washer Detergent — An all-purpose, neutral pH, non-foaming, liquid detergent ideally suited for use in a manual aqueous parts washer. Besides being phosphate-free and biodegradable, the MPW-2000 is safe to use on all metals, painted surfaces and plastic. **Mix Ratio:** 10:1 light; 5:1 heavy

Part No.	Description	Lbs
9-54005	MPW-2000, Manual Parts Washer Detergent, 5 gal	43
9-54055	MPW-2000, Manual Parts Washer Detergent, 55 gal	462



Rebel Wash

Rebel Wash Liquid Manual Parts Washer Detergent — A non-caustic, non-foaming, liquid with corrosion inhibitors ideal for use in either hot water automotive parts or a parts washer sink. Also it is environmentally friendly — phosphate-free and biodegradable. Safe to use on all metals, painted surfaces and plastic. **Mix Ratio:** 64:1 light; 10:1 heavy

Part No.	Description	Lbs
9-52005	Rebel Wash, Liquid Manual Parts Washer Detergent, 5 gal	51
9-52055	Rebel Wash, Liquid Manual Parts Washer Detergent, 55 gal	550



Hyper Drive

HyperDrive Parts Washer Detergent — Non-foaming, non-caustic, powder blend ideal for automatic parts washers because of its unsurpassed multi-metal rust and corrosion inhibitor formula. Excellent for steel, aluminum, copper, brass, and plastic. Also works in soak tanks and ultrasonic tubs. **Mix Ratio:** 16:1 light; 4:1 heavy

Part No.	Description	Lbs
9-51010	Hyper Drive, Parts Washer Detergent, 4 x 10 lbs	44
9-51050	Hyper Drive, Parts Washer Detergent, 50 lbs	52
9-51100	Hyper Drive, Parts Washer Detergent, 100 lbs	103
9-51450	Hyper Drive, Parts Washer Detergent, 450 lbs	469



L-228



L-228 APW Detergent for Soft-Medium Metals — Low-foaming, non-caustic, detergent formulated specifically for cleaning aluminum and other soft metals and even plastics or rubber. Biodegradable, non-toxic and has no irritating fumes. Features Landa's rust inhibitors to prevent oxidation. **Mix Ratio:** 1/4 - 1/2 lb per gallon water

Part No.	Description	Lbs
9-69040	L-228, APW Detergent, 40 lb Pail	43
9-69400	L-228, APW Detergent, 400 lb Drum	415



L-229



L-229 Heavy-Duty Parts Washer Detergent — A d-limonene-based formula for extra tough cleaning of grease and grime. With a buffered alkalinity for maximum performance and extended life, excellent for use in all parts washers. Has a pleasant citrus scent and Landa's rust and corrosion inhibitors to prevent oxidation.

Mix Ratio: 1/4 - 1/2 lb per gallon water

Part No.	Description	Lbs
9-46040	L-229, Parts Washer Detergent, 40 lb Pail	43
9-46400	L-229, Parts Washer Detergent, 400 lb Drum	415



Response

Response Vapor Corrosion Inhibitor — Superb, non-foaming agent that protects parts and parts washers from flash rusting in either liquid or vapor environments. **Mix Rate:** 1-2 oz. per week

Part No.	Description	Lbs
9-55001*	Response, Vapor Corrosion Inhibitor, 4 x 1 gal	37
9-55005	Response, Vapor Corrosion Inhibitor, 5 gal	46

*(Tip-and-measure 1 gallon containers)



InterFace

InterFace Defoamer — Fast-acting, biodegradable agent that suppresses foam in all automatic parts washers. Environmentally safe. Works well in hard or soft water. **Dilution:** 500:1

Part No.	Description	Lbs
9-53001*	Interface, Defoamer, 4 x 1 gal	36

*(Tip-and-measure 1 gallon containers)

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